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Semigroups. 215: ★Theory of semigroups and its applications. Vol. I. Séminaire Bourbaki. 5420a: ★Séminaire Bourbaki; Volume 1948/1949–1949/1950, Exposés 1–32. 5420b: ★Séminaire Bourbaki; Volume 1950/1951–1951/1952, Exposés 33–67. 5420c: ★Séminaire Bourbaki; Volume 1952/1953–1953/1954, Exposés 68–100. 5420d: ★Séminaire Bourbaki; Volume 1954/1955–1955/1956, Exposés 101–136. 5420e: ★Séminaire Bourbaki; Volume 1956/1957–1957/1958, Exposés 137–168. 5420f: ★Séminaire Bourbaki; Volume 1958/1959, Exposés 169–186. 5420g: ★Séminaire Bourbaki; Volume 1959/1960, Exposés 187–204. 5420h: ★Séminaire Bourbaki; Volume 1960/1961, Exposés 205–222. 5420i: ★Séminaire Bourbaki; Volume 1961/1962, Exposés 223–240. 5420j: ★Séminaire Bourbaki; Volume 1962/1963, Exposés 241–258. 5420k: ★Séminaire Bourbaki; Volume 1963/1964, Exposés 259–276. 5420l: ★Séminaire Bourbaki; Volume 1964/1965, Exposés 277–294.

Séminaire Choquet. 7219: ★Mathematics Seminars. I. Séminaire Choquet: 4e année, 1964/65. Initiation à l'Analyse.

Séminaire P. Lelong. 3860: ★Séminaire P. Lelong. 3e année: 1961. Analyse.

Seminar S. Stoilow. 4295: ★Seminar S. Stoilow, 1959–60. Potential theory on Riemann surfaces.

Smirnov, Nikolai Vasil'evič. 5440: Nikolai Vasil'evič Smirnov.

Spring School of Experimental and Theoretical Physics, Erevan, 1965. 8184: ★Problems in elementary particle physics.

Structural linguistics. 8238: ★Problems of structural linguistics.

Studies in algebra and mathematical analysis. 7221: ★Studies in algebra and mathematical analysis.

Studies in boundary value problems of the theory of functions and differential equations. 1193: ★Studies in boundary value problems of the theory of functions and differential equations.

Studies of contemporary problems in the constructive theory of functions. 1617: ★Studies of contemporary problems in the constructive theory of functions.

Studies in elasticity and plasticity. 921: ★Studies in elasticity and plasticity. Vol. IV.

Studies in the theory of differential equations and the theory of functions. 3: ★Studies in the theory of differential equations and the theory of functions.

KEY INDEX

Studies in the theory of plates and shells. 6922: ★Studies in the theory of plates and shells. Collection II. 6923: ★Studies in the theory of plates and shells. Collection III.

Symmetry groups in nuclear and particle physics. 5293: ★Symmetry groups in nuclear and particle physics. A lecture-note and reprint volume.

Symmetry principles at high energy. 7025: ★Coral Gables Conferences on Symmetry Principles at High Energy.

Symposium on Partial Differential Equations. 7726: ★Outlines of the Joint Soviet-American Symposium on Partial Differential Equations (Novosibirsk, August, 1963).

Symposium on rheology. 5421: ★Symposium on rheology.

Symposium transsonicum, IUTAM, Aachen, Sept. 1962. 3548: ★Symposium transsonicum.

Tables. 91: ★Tables of solutions of the diophantine equation $y^3 - x^2 = k$. 1260: ★Tableaux d'une classe de nombres reliés aux nombres de Stirling. VI. 2900: ★Handbook of series for scientists and engineers. 3056: ★Laplace transform tables and theorems. 3439: ★The fitting of growth and allied curves of the asymptotic regression type by Stevens's method. 5952: ★Tables of integrals, series, and products. 6811: ★Seven place tables of natural values of trigonometric functions for each hundredth of a degree. 7585: Tables of incomplete cylindrical functions.

Tables of the logarithmic derivative of the gamma-function and its derivatives in the complex domain. 856: ★Tables of the logarithmic derivative of the gamma-function and its derivatives in the complex domain.

Theory of binary relations. 3969: ★Certain applications of the theory of binary relations.

Theory of differential equations and the theory of functions. 3: ★Studies in the theory of differential equations and the theory of functions.

Theory of functions and differential equations. 1194: ★Theory of functions and differential equations.

Theory of models. 3878: ★The theory of models. Proceedings of the 1963 International Symposium at Berkeley.

Theory of probability and mathematical statistics. 1195: ★Theory of probability and mathematical statistics. No. I.

Theory of semigroups and its applications. 215: ★Theory of semigroups and its applications. Vol. I.

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Topologie et géométrie différentielle. 3861: ★Topologie et Géométrie Différentielle. 3862: ★Topologie et Géométrie Différentielle.

Translations (AMS), index. 1186: ★Index to translations selected by the American Mathematical Society.

Unione Matematica Italiana. 7725: ★Atti del Convegno su le Equazioni alle Derivate Parziali (Nervi, 25-27 Febbraio 1965).

SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the first half of 1967. The headings in capital letters are identical with those appearing in the monthly issues.

<p>00. GENERAL</p> <ul style="list-style-type: none"> 00 General mathematics 04 Collections of papers 20 Bibliographies 30 Dictionaries and other reference works 40 Reports of meetings 50 Methodology and philosophy of mathematics. Philosophy of science, general <p>01. HISTORY AND BIOGRAPHY</p> <ul style="list-style-type: none"> 05 Ancient 10 India, Far East, Maya, etc. 15 Medieval and Renaissance 20 17th century 25 18th century 30 19th century 35 20th century 40 Contemporary 50 Biographies, obituaries, personalia 60 Collected or selected works; reprintings or translations of classics 70 Source books <p>02. LOGIC AND FOUNDATIONS</p> <ul style="list-style-type: none"> 15 Formalizing verbal reasoning 20 Syntax, semantics, deducibility 30 Propositional calculus: two-valued 32 Logical calculus: first-order, two-valued (functional calculus) 40 Logistic, axiomatic set theory, paradoxes 50 Many-valued logic, modal logic 60 Recursive function theory, Turing computability 70 Intuitionism 75 Axioms for mathematical systems 80 Metatheorems for mathematical systems 90 Undecidability, unsolvability in mathematical systems 95 Abstract automata theory (see also 94.00) <p>04. SET THEORY</p> <ul style="list-style-type: none"> 15 Point sets 20 Relations 30 Transfinite numbers 35 Problem of the continuum 60 Combinatorial (partitions, etc.) <p>05. COMBINATORIAL ANALYSIS</p> <ul style="list-style-type: none"> 10 Partitioning, subsets, etc. 20 Matrices, magic squares, block designs, configurations 30 Factorials, binomial coefficients, polynomials, power series 40 Graphs 50 Enumeration of graphs <p>06. ORDER, LATTICES</p> <ul style="list-style-type: none"> 10 Total order 20 Partial order 30 Lattices 40 Modular lattices, continuous geometries 50 Distributive lattices 60 Boolean algebras and rings 70 Boolean algebras with operators <p>08. GENERAL MATHEMATICAL SYSTEMS</p>	<p>10. THEORY OF NUMBERS</p> <ul style="list-style-type: none"> 005 Tables 01 Elementary 05 Power residues and reciprocity laws, primitive roots, indices; general binomial congruences 10 Diophantine equations 20 Diophantine approximation 25 Continued fractions and other expansions 28 Irrationality, transcendence 30 Forms 40 Geometry of numbers 50 Exponential and power sums 54 Turán's method 55 Modular and automorphic functions, forms, and groups 60 Multiplicative asymptotic theory 62 Zeta-function and other Dirichlet series 64 Character sums, asymptotic theory 65 Distribution of primes 70 Additive asymptotic theory 75 Sequences of integers (additive bases, density theorems, etc.) 80 Probabilistic number theory 82 Distribution mod 1 85 Arithmetic of hypercomplex numbers 90 Algebraic number theory 95 Class field theory 96 Algebraic function fields 97 p-adic fields 98 Finite fields <p>12. FIELDS AND POLYNOMIALS</p> <ul style="list-style-type: none"> 20 Finite fields 30 Polynomials 40 Galois theory 50 Algebraic number fields 60 Algebraic function fields 70 Valuations, topological fields 80 Differential and difference algebra <p>14. ABSTRACT ALGEBRAIC GEOMETRY (for classical algebraic geometry, see 50.00)</p> <ul style="list-style-type: none"> 10 Theories of equivalence 15 Transformations and correspondences 20 Curves 35 Algebraic properties of function fields 40 Arithmetical properties of varieties 45 Algebraic geometry over special fields or over rings; rationality questions 50 Group varieties, abstract analytic groups 52 Abstract derivations and differentials 55 Sheaf-theoretic and homological methods 60 Birational invariants, genera, etc. <p>15. LINEAR ALGEBRA</p> <ul style="list-style-type: none"> 05 Vector spaces 15 Linear inequalities 20 Inequalities involving eigenvalues and eigenvectors 25 Miscellaneous inequalities involving matrices 30 Eigenvalues and eigenvectors 33 Canonical forms, reductions 36 Linear sets of linear transformations 38 Matrix equations and identities 39 Invariants
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SUBJECT CLASSIFICATION

<p>40 Multilinear algebra 48 Determinants 49 Permanents 50 Linear equations, matrix inversion</p> <p>16. ASSOCIATIVE RINGS AND ALGEBRAS</p> <p>10 Ideal theory 15 Commutative ideal theory 20 General commutative theory 24 Polynomials 26 Formal power series 28 Local rings 30 Division rings, simple rings and algebras 35 Structure of rings 40 Radical theory 45 Rings with chain condition 50 Linear representations of rings and algebras (including orders) 60 Modules 70 Galois theory 80 Ordered rings 90 Topological rings 95 Semi-rings, etc.</p> <p>17. NON-ASSOCIATIVE RINGS AND ALGEBRAS</p> <p>18. HOMOLOGICAL ALGEBRA</p> <p>20. GROUP THEORY AND GENERALIZATIONS</p> <p>10 Free groups, relations 14 General products of groups 16 Group extensions 20 Permutation groups 25 Finite groups (including finite abelian) 28 Burnside problem, conditions for finiteness 30 Abelian groups, general theory 40 Nilpotent, solvable, p-groups 45 Groups with local properties 50 Lattices of subgroups 55 Special subgroups 60 Crystallographic and discrete geometric groups 65 Modular groups, discrete subgroups of classical groups 70 Classical groups 75 Linear groups, general 80 Representations, characters, group algebras 85 Representations of symmetric groups 88 Automorphisms and endomorphisms, groups with operators 90 Ordered groups, ordered semigroups 92 Semigroups 94 Groupoids 96 Quasigroups 98 Loops</p> <p>22. TOPOLOGICAL GROUPS AND LIE THEORY</p> <p>10 Topological groups 12 Haar measures 15 Topological algebras 40 Transformation groups 50 Lie groups 55 Classical groups 60 Representations and analysis 70 Homogeneous spaces (topology, differential geometry) 80 Lie algebras 90 Abstract Lie theory 95 Infinite Lie groups 99 Lie theory of differential equations</p> <p>26. FUNCTIONS OF REAL VARIABLES</p> <p>10 Foundations: limits and generalizations [elementary topology of the line (or plane) if used for real variables] 20 Calculus: elementary, advanced, etc.</p>	<p>21 Elementary functions 30 Continuity and related questions (modulus of continuity [if not used in boundary behavior of analytic functions], discontinuities, etc.) 40 Differentiation: general theory 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives 43 Generalized derivatives, derivatives of fractional order 47 Mean-value theorems 50 Monotonic functions, general 51 Functions of bounded variation; absolute continuity 52 Convexity; generalizations 53 Generalized monotonic functions 55 Several variables, implicit function theorems, Jacobians, transformations with several variables 56 Length, area, volume 60 Polynomials 70 Inequalities (of a general and miscellaneous character) 80 Real-analytic functions 81 Quasi-analytic classes of real functions, functions of class C^∞ 85 Superposition of functions</p> <p>28. MEASURE AND INTEGRATION</p> <p>10 Measurable sets, general: Borel fields, non-measurable sets 12 Analytic and Suslin sets 13 Finitely additive set functions, measures; generalizations 15 Special and generalized measures, Carathéodory theory of measure 17 Transfinite diameter and capacity. Hausdorff measures and capacities 20 Measurable and non-measurable functions 25 Integration, general 26 Riemann integral, Lebesgue integral, Denjoy integral, etc. 30 Measure-preserving transformations 31 Invariant measures 32 Ergodic theorems 33 Dynamical systems 40 Length, area, volume 41 Other geometric measure theory</p> <p>30. FUNCTIONS OF A COMPLEX VARIABLE</p> <p>01 General questions, foundations 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions) 09 Inequalities in the complex domain 10 Polynomials 11 Zeros of polynomials 20 Power series 21 Behavior on the boundary of convergence. Overconvergence 24 Dirichlet series 25 Continued fractions 28 Analytic continuation 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals 36 Moment problems; interpolation problems 40 Conformal mapping, general theory 41 Capacity, harmonic measure 42 Univalent and p-valent functions 43 Coefficient problems 45 Riemann surfaces, uniformization 46 Algebraic functions, Abelian integrals 47 Quasiconformal mapping 49 Automorphic functions and modular functions 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems 52 Extremal problems in complex domain 55 Entire functions 60 Meromorphic functions, general theory</p>
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SUBJECT CLASSIFICATION

<p>61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory</p> <p>62 Theory of cluster sets, prime ends, boundary behavior</p> <p>65 Bounded functions, positive real part, Blaschke products</p> <p>66 Bounded mean modulus, bounded characteristic</p> <p>67 H_p classes and other restrictions</p> <p>70 Approximation by polynomials and rational functions, Faber polynomials</p> <p>75 Boundary-value problems, Dirichlet problem</p> <p>77 Special boundary-value problems; Riemann-Hilbert problem. Inverse boundary problems</p> <p>79 Algebroidal functions</p> <p>80 Topological function theory, functions topologically equivalent to analytic mappings</p> <p>81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.</p> <p>83 Functions of hypercomplex variables and generalized variables</p> <p>85 Spaces of analytic functions</p> <p>86 Kernel function and applications</p> <p>87 Algebras of analytic functions</p> <p>31. POTENTIAL THEORY</p> <p>10 Harmonic functions in the plane</p> <p>11 Harmonic functions, general</p> <p>15 Subharmonic, superharmonic functions</p> <p>20 Boundary-value problems, Dirichlet problem</p> <p>21 Capacity and harmonic measure</p> <p>22 Generalized capacity and potential</p> <p>30 Biharmonic and polyharmonic functions and equations</p> <p>35 Poisson's equation</p> <p>32. SEVERAL COMPLEX VARIABLES</p> <p>02 Foundations, general questions</p> <p>10 Multiple power series, formal theory</p> <p>15 Analytic and meromorphic curves</p> <p>20 Holomorphic mappings, domains of holomorphy, analytic spaces (see also 57.00)</p> <p>25 Automorphic functions</p> <p>30 Approximation theorems</p> <p>33. SPECIAL FUNCTIONS</p> <p>04 Number-theoretic functions, special sequences</p> <p>05 Tables of special functions</p> <p>10 Exponential and trigonometric functions</p> <p>15 Gamma and beta functions</p> <p>17 Error function, probability integral</p> <p>19 Elliptic functions and integrals</p> <p>20 Hypergeometric functions</p> <p>21 E-functions</p> <p>25 Cylindrical functions; Bessel functions</p> <p>27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials</p> <p>28 Lamé, Mathieu, spheroidal wave functions</p> <p>30 Wave functions</p> <p>32 Gegenbauer functions</p> <p>40 Orthogonal polynomials, general (Chebyshev, Hermite, Jacobi, Laguerre polynomials and functions)</p> <p>34. ORDINARY DIFFERENTIAL EQUATIONS</p> <p>02 Solutions in closed form; integration by quadratures; reduction of differential equations</p> <p>03 Operational calculus</p> <p>04 General existence and uniqueness theorems, Picard approximations and generalizations</p> <p>07 Continuous dependence of solution on parameter</p> <p>10 Analytic theory</p> <p>20 Linear equations and systems, general coefficients</p> <p>21 Linear equations with constant coefficients</p> <p>22 Linear equations with periodic and almost periodic coefficients</p> <p>30 Boundary-value problems, linear equations</p> <p>31 Sturm-Liouville theory</p> <p>32 Eigenvalues, eigenfunctions</p>	<p>33 Eigenfunction expansions</p> <p>34 Asymptotic properties of eigenfunctions</p> <p>35 Boundary-value problems, non-linear</p> <p>40 Qualitative theory of first- and second-order equations and systems; singular points and limit cycles</p> <p>41 Periodic and almost periodic solutions</p> <p>42 Non-linear oscillations</p> <p>43 Stability of first- and second-order equations and systems</p> <p>50 Qualitative theory of equations and systems of order greater than 2; asymptotic behavior of solutions</p> <p>51 Stability; periodic and almost periodic solutions</p> <p>53 Perturbations</p> <p>54 Singular perturbations; small parameter with highest derivative</p> <p>60 Stochastic differential equations</p> <p>65 Dynamical systems, systems on manifolds</p> <p>70 Equations and systems of infinite order</p> <p>75 Difference-differential equations</p> <p>76 Solution by finite differences</p> <p>80 Differential equations in Banach and other spaces</p> <p>85 Optimal control problems</p> <p>35. PARTIAL DIFFERENTIAL EQUATIONS</p> <p>05 General properties of solutions, Cauchy-Kowalewski theorems, etc.</p> <p>10 First-order equations and systems</p> <p>12 Classification of equations and systems</p> <p>13 Exact equations and integrable systems. Pfaffian equations</p> <p>15 Characteristics</p> <p>20 Separation of variables, elementary properties of the equations of mathematical physics</p> <p>30 Elliptic equations and systems of first and second order</p> <p>31 Strongly elliptic systems</p> <p>32 Quasi-linear elliptic equations and systems</p> <p>33 Schrödinger equation, wave equation</p> <p>34 Maxwell's equations, Helmholtz equation</p> <p>35 Spectral analysis, eigenfunctions, operators</p> <p>36 Elliptic systems and equations of higher order</p> <p>37 Biharmonic equation</p> <p>40 Hyperbolic equations and systems of second order</p> <p>41 Quasi-linear hyperbolic systems and equations of second order</p> <p>45 Hyperbolic equations and systems of higher order</p> <p>50 Parabolic equations of second order</p> <p>55 Equations of mixed type and second order</p> <p>56 Mixed type, order higher than two</p> <p>60 Non-linear equations and systems</p> <p>62 Approximation of solutions</p> <p>63 Solution by finite differences</p> <p>65 Special equations: Navier-Stokes, etc.</p> <p>70 Asymptotic properties</p> <p>75 Infinite systems, equations of infinite order</p> <p>80 Equations in Banach spaces and other spaces</p> <p>39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS</p> <p>10 Finite differences, general</p> <p>12 Solution of ordinary differential equations by finite differences</p> <p>13 Solution of partial differential equations by finite differences</p> <p>20 Difference equations</p> <p>30 Functional equations</p> <p>40. SEQUENCES, SERIES, SUMMABILITY</p> <p>10 Series and sequences of numbers, general</p> <p>11 Infinite products</p> <p>12 Continued fractions</p> <p>13 Convergence</p> <p>15 Multiple series and sequences</p> <p>20 Sequences and series of functions, convergence</p> <p>30 Summability, general methods</p> <p>31 Summability, matrix methods</p> <p>32 Cesaro summability</p>
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SUBJECT CLASSIFICATION

<p>33 Abel, Poisson summability 35 Summability of double series 40 Convergence and summability of integrals 42 Tauberian theorems</p> <p>41. APPROXIMATIONS AND EXPANSIONS</p> <p>10 Interpolation 15 Polynomial approximation 17 Approximation by rational functions 20 Approximate quadratures 40 Rate of convergence, degree of approximation, best approximation 41 Constructive theory of functions 45 Approximation by smoothing integrals 50 Asymptotic approximations 55 Other methods of approximation</p> <p>42. FOURIER ANALYSIS</p> <p>05 Trigonometric polynomials 06 Best approximation by trigonometric polynomials 08 Trigonometric interpolation 10 Fourier coefficients 11 Convergence of Fourier series 15 Orthogonal functions 16 Expansions in orthogonal functions 17 Completeness of sets of orthogonal functions 18 Completeness, closure, spectral synthesis 20 Summability of Fourier and generalized Fourier expansions 25 Fourier transform 26 Other Fourier-type transforms 27 Trigonometric moment problems 30 Almost periodic functions 35 Positive definite functions 40 Multiple Fourier series and integrals 50 Abstract harmonic analysis</p> <p>44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS</p> <p>10 Laplace transform 25 Convolution 28 General transforms 30 Special transforms: Legendre, Hilbert, etc. 32 Multiple transforms 40 Operational calculus 42 Operational calculus in several variables 50 Fractional derivatives and integrals 60 Moment problems</p> <p>45. INTEGRAL EQUATIONS</p> <p>10 Linear integral equations, general 11 Fredholm equations 12 Eigenvalue problems 13 Volterra equations 15 Singular equations 20 Systems of linear equations 30 Non-linear integral equations 31 Singular non-linear equations 40 Integro-differential equations</p> <p>46. FUNCTIONAL ANALYSIS</p> <p>10 Topological linear spaces (including normed spaces and Hilbert spaces) 20 Partially ordered linear spaces 30 Special function spaces 40 Distributions 50 Single linear operators in linear or partially ordered spaces 60 Groups or semigroups of linear operators, representations of topological groups 65 Rings of operators, group algebras, abstract topological algebras, and their representations 70 Banach algebras of analytic functions 90 Differential and integral operators 90 Applications of functional analysis</p>	<p>49. CALCULUS OF VARIATIONS</p> <p>50. GEOMETRY</p> <p>05 Foundations 10 Euclidean 11 Triangles, tetrahedra 12 Circles, spheres 14 Constructions 15 Descriptive geometry 17 Analytic geometry 20 Affine geometry, general 25 Transformations 30 Projective geometry, general 35 Transformations 38 Second-order loci 40 Non-Euclidean geometry (i.e., hyperbolic or elliptic) 46 Minkowski geometry 48 Special geometries 50 Classical algebraic geometry 51 Foundations 52 Transformations 55 Curves 58 Surfaces 57 Abelian varieties, genera, integrals 60 Finite geometries 70 Projective planes 80 Configurations 90 Regular figures, divisions of space 95 Paradoxical decompositions</p> <p>52. CONVEX SETS AND GEOMETRIC INEQUALITIES</p> <p>10 Convex polyhedra 25 Convex curves 30 Convex regions 34 Helly-type theorems 40 Extremum problems and geometric inequalities 45 Packing and covering 50 Distance geometries</p> <p>53. DIFFERENTIAL GEOMETRY</p> <p>01 Curves and surfaces in Euclidean spaces 04 Minimal surfaces 10 Affine differential geometry 20 Projective differential geometry 25 Conformal differential geometry 30 Non-Euclidean differential geometry 32 Other special differential geometries 35 Vector and tensor analysis 38 Spinor analysis 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles 42 Differential invariants (local theory), geometric objects 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. 50 Connections (general theory), including G-structures 55 Affine connections 60 Projective connections 65 Conformal connections 70 Local Riemannian geometry 72 Riemannian manifolds 75 Global surface theory (convex surfaces) 78 Lorentz metrics and generalizations 80 Kählerian connections and generalizations 85 Finsler spaces and generalizations (areal metrics) 90 Integral geometry 99 Other generalizations (G-spaces of Busemann, etc.)</p> <p>54. GENERAL TOPOLOGY</p> <p>10 Axiomatics; generalizations of topological spaces 20 General topological spaces 21 Convergence notions</p>
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SUBJECT CLASSIFICATION

<p>22 Compactness and generalizations 23 Compactifications, other extensions 24 Proximity spaces 25 Uniform spaces 26 Metric spaces, metrizability 27 Dimension theory 28 Mappings 29 Many-valued mappings 30 Continua 35 Topological semigroups, lattices, etc. 40 Topology of E_2, 2-manifolds 50 Topology of E_n, n-manifolds ($n > 2$) 60 Transformation groups 70 Topological dynamics 80 Fixed-point theorems, coincidence theorems, etc.</p> <p>55. ALGEBRAIC TOPOLOGY</p> <p>10 Graphs, map-coloring 20 Knots, links 30 Homology and cohomology theory 32 Sheaves 34 Cohomology (and homology) operations, Steenrod algebra 36 Periodic transformations, fixed points, coincidences (Smith theory) 38 Dimension theory 40 Homotopy theory, general 42 Algebra of mappings (including cohomotopy groups) 45 Computation of homotopy groups 50 Fiber spaces 52 Spectral sequences 60 Manifolds 62 Classification 64 Mappings 66 Generalized manifolds, local homology 68 Homotopy manifolds 70 Imbedding, immersion</p> <p>57. TOPOLOGY AND GEOMETRY OF DIFFERENTIABLE MANIFOLDS</p> <p>10 Differentiable structures, cobordism 20 Differentiable mappings, imbeddings, immersions, diffeomorphisms 30 Fiber bundles, tangent bundles 32 Characteristic classes 34 Topology of vector and tensor fields 36 Foliations 40 Topology of Lie groups 45 Topology of homogeneous spaces 50 Analysis on differentiable manifolds 60 Complex manifolds (also in several complex variables) 70 Infinite Lie groups, deformations</p> <p>60. PROBABILITY</p> <p>05 Foundations 10 Combinatorial probability theory 15 Geometric probability theory 20 Distributions 30 Limit theorems 40 Stochastic processes, general theory 45 Markov processes 48 Branching processes 50 Stationary processes 55 Random walks, Brownian motion 60 Queueing theory, telephone traffic, storage 62 Renewal theory 65 Other special processes 70 Random noise 90 Other applications</p>	<p>62. STATISTICS</p> <p>05 Elementary descriptive statistics 10 Distributions of statistical functions 20 Estimation theory: parametric case 25 Testing of hypotheses: parametric case 30 Multivariate analysis, regression analysis 35 Order statistics 40 Non-parametric methods 50 Analysis of experiments 55 Design of experiments 60 Decision theory 65 Multistage decision procedures, sequential analysis 70 Statistical engineering, quality control 75 Life testing 80 Sampling surveys 85 Statistical analysis of stochastic processes, time series analysis 90 Applications</p> <p>65. NUMERICAL METHODS</p> <p>05 General mathematical methods, iteration, tables 15 Monte Carlo methods 20 Interpolation, smoothing, least squares, curve fitting, approximation of functions 25 Computation of special functions, series, integrals 30 Mathematical programming 35 Linear equations, determinants, matrices 40 Eigenvalues, eigenvectors, Rayleigh-Ritz method 50 Solution of algebraic and transcendental equations and systems 55 Numerical differentiation and integration, mechanical quadrature 60 Ordinary differential equations 65 Partial differential equations 70 Difference and functional equations 75 Integral and integro-differential equations 80 Error analysis 85 Graphical methods, nomography 90 Harmonic analysis and synthesis</p> <p>68. COMPUTING MACHINES</p> <p>69. GENERAL APPLIED MATHEMATICS</p> <p>70. MECHANICS OF PARTICLES AND SYSTEMS</p> <p>10 Foundations 20 Statics 30 Kinematics, mechanisms, linkages 40 Dynamics 50 Oscillations, stability 55 Non-linear oscillation 60 Exterior ballistics 70 Variable mass, rockets</p> <p>73. ELASTICITY, PLASTICITY</p> <p>05 Foundations of mechanics of deformable solids 06 Elasticity: general theorems 07 Finite deformation 10 Plane stress and strain 15 Three-dimensional problems 25 Beams and rods 30 Plates 32 Shells and membranes 35 Anisotropic bodies 37 Dislocation theory 45 Vibrations, structural dynamics 47 Aeroelasticity 50 Stability, buckling, failure 55 Wave propagation, impact 65 Visco-elasticity 70 Plasticity, creep 80 Soil mechanics 90 Thermo-mechanics</p>
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SUBJECT CLASSIFICATION

76. FLUID MECHANICS, ACOUSTICS

- 05 Foundations
- 10 Incompressible fluids: general theory
- 15 Incompressible fluids with special boundaries
- 17 Airfoil theory
- 20 Free surface flows, water waves, jets, wakes
- 25 Viscous fluids
- 30 Boundary layer theory
- 35 Stability of flow
- 37 Convection
- 40 Turbulence
- 45 Rarefied gas flow
- 50 Compressible fluids: general theory
- 55 Compressible fluids: subsonic flow
- 60 Compressible fluids: transonic flow
- 65 Compressible fluids: supersonic and hypersonic flow
- 70 Shock waves
- 75 Aero and hydrodynamic sound
- 80 Acoustics
- 85 Non-Newtonian fluids
- 90 Magnetohydro- and aerodynamics, ionized gas flow (see also 78.30 ; 82.25 ; 85.50)
- 92 Quantum hydrodynamics
- 93 Relativistic hydrodynamics
- 95 Diffusion, filtration

78. OPTICS, ELECTROMAGNETIC THEORY, CIRCUITS

- 05 Geometric optics
- 10 Physical optics
- 20 Electron optics
- 30 Space charge waves
- 40 Electromagnetic theory
- 45 Electro- and magnetostatics
- 50 Waves and radiation
- 60 Diffraction, scattering
- 70 Antennas, wave-guides
- 90 Technical applications

80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER

- 10 Classical thermodynamics
- 20 Heat and mass transfer
- 30 Combustion, interior ballistics
- 40 Chemical kinetics

81. QUANTUM MECHANICS

- 10 General theory
- 15 Scattering theory
- 20 Mathematical field theory
- 25 Dispersion relations
- 24 Weak interactions
- 26 Elementary particles
- 28 Nuclear physics
- 30 Atomic physics
- 38 Molecular physics
- 50 Quantum mechanics of many-body systems
- 60 Superconductivity and superfluidity
- 70 Quantum statistical mechanics

82. STATISTICAL PHYSICS, STRUCTURE OF MATTER

- 05 General statistical mechanics
- 10 Quantum statistical mechanics
- 15 Statistical thermodynamics
- 17 Irreversible thermodynamics
- 20 Kinetic theory of gases
- 25 Plasma (see also 76.90)
- 30 Liquids
- 40 Solids
- 45 Crystals
- 50 Metals

60 Transport processes

65 Nuclear reactor theory

83. RELATIVITY

- 10 Special relativity
- 20 General relativity
- 30 Unified field theories
- 40 Other relativistic theories

85. ASTRONOMY

- 10 Celestial mechanics
- 15 Galactic and stellar dynamics
- 20 3- and n -body problems
- 27 Astronautics
- 30 Stellar structure
- 40 Stellar atmospheres, radiative transfer
- 50 Hydrodynamic and hydromagnetic problems
- 60 Statistical astronomy
- 70 Cosmology
- 80 Special problems
- 90 Radio astronomy

86. GEOPHYSICS

- 10 Hydrology, hydrography, oceanography
- 20 Meteorology
- 30 Seismology
- 40 Potentials, prospecting
- 50 Geo-electricity and magnetism
- 60 Geodesy, mapping problems
- 70 Atmospheric physics

90. ECONOMICS, OPERATIONS RESEARCH, GAMES

- 05 Decisions, utility
- 10 Economic models
- 15 Economic time-series analysis
- 17 Miscellaneous applications to economics
- 30 Management science, operations research
- 35 Highway traffic
- 40 Actuarial theory
- 50 Linear programming
- 52 Transportation problems
- 54 Flows in networks
- 56 Integer programming
- 58 Non-linear programming
- 60 Logistics, inventory, storage
- 70 Games

92. BIOLOGY AND BEHAVIORAL SCIENCES

- 10 Biology
- 20 Genetics
- 30 Population dynamics, epidemiology
- 40 Sociology
- 50 Psychology
- 55 Nervous networks

93. CONTROL

- 20 Stability, qualitative behavior
- 40 Optimal control—deterministic
- 50 Iterative techniques (dynamic programming)
- 60 Stochastic control
- 70 Adaptive control

94. INFORMATION AND COMMUNICATION, SYSTEMS

- 10 Statistical communication theory—general
- 12 Nonlinear devices, modulation
- 15 Optimum filtering, prediction

SUBJECT CLASSIFICATION

18 Detection, parameter estimation 20 Pattern recognition 30 Circuit theory—general 35 Applications of graph theory, combinatorial methods (see also 90.54, 05.40) 50 Information theory—foundations, coding theorems	52 Characterization of channels, measures of entropy 55 Algebraic coding theory 60 Logical design, switching theory (see also 02.30) 65 Finite state automata 70 Turing machines, other infinite state automata 75 Linguistics, formal languages
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ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity.

Abh. Akad. Wiss. Göttingen Math.-Phys. Kl. Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)

Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech. Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)

Abh. Dokumentationszentrums Technik Wirtschaft. Abhandlungen des Dokumentationszentrums der Technik und Wirtschaft. (Vienna)

Abh. Math. Sem. Univ. Hamburg. Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)

Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl. Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)

Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes. Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)

Acad. R. P. Române Baza Cerc. Sti. Timișoara Stud. Cerc. Sti. Tehn. Academia Republicii Populare Române. Baza de Cercetări Științifice Timișoara. Studii și Cercetări Științe Tehnice. (Timișoara)

Acad. R. P. Române Stud. Cerc. Mec. Apl. Academia Republicii Populare Române. Institutul de Mecanică Aplicată "Traian Vuia". Studii și Cercetări de Mecanică Aplicată. (Bucharest) (Continued as: *Stud. Cerc. Mec. Apl.*)

Acad. Roy. Belg. Bull. Cl. Sci. Académie Royale de Belgique. Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)

Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°. Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)

Acad. Serbe Sci. Arts Glas. Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade) (Formerly listed as: *Acad. Serbe Sci. Arts Glas Cl. Sci. Math. Natur.*)

Acad. Serbe Sci. Arts Glas Cl. Sci. Math. Natur. Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade) See *Acad. Serbe Sci. Arts Glas*.

Accad. Naz. Sci. Lett. Arti Modena Atti Mem. Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)

Acta Acad. Abo. Ser. B. Acta Academiae Aboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskaper-Teknik. (Åbo=Turku)

Acta Acust. Sinica. Acta Acustica Sinica. (Peking)

Acta Arith. Polska Akademia Nauk. Instytut Matematyczny. Acta Arithmetica. (Warsaw)

Acta Astronom. Sinica. Acta Astronomica Sinica. (Peking)

Acta Cryst. Acta Crystallographica. (Copenhagen)

Acta Fac. Natur. Univ. Comenian. Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava) See *Acta Fac. Rerum Natur. Univ. Comenian.*

Acta Fac. Rerum Natur. Univ. Comenian. Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava) (Formerly: *Acta Fac. Natur. Univ. Comenian.*)

Acta Math. Acta Mathematica. (Uppsala)

Acta Math. Acad. Sci. Hungar. Acta Mathematica Academae Scientiarum Hungaricae. (Budapest)

Acta Math. Sinica. Acta Mathematica Sinica. (Peking) (Translated as: Chinese Math.—*Acta*)

Acta Mech. Acta Mechanica. (Vienna)

Acta Mech. Sinica. Acta Mechanica Sinica. (Peking) See *Acta Mech. Sinica (Peking)*

Acta Mech. Sinica (New York). Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)

Acta Mech. Sinica (Peking). Acta Mechanica Sinica. (Peking) (Formerly listed as: *Acta Mech. Sinica*) (Translated as: *Acta Mech. Sinica (New York)*)

Acta Philos. Fenn. Acta Philosophica Fennica. (Helsinki)

Acta Phys. Acad. Sci. Hungar. Acta Physica Academae Scientiarum Hungaricae. (Budapest)

Acta Phys. Austriaca. Acta Physica Austriaca. (Vienna)

Acta Phys. Polon. Polska Akademia Nauk. Instytut Fizyki. Acta Physica Polonica. (Warsaw)

Acta Phys. Sinica. Acta Physica Sinica. (Peking) (Translated as: Chinese J. Phys. (Peking))

Acta Polytech. Scand. Math. and Comput. Mach. Ser. Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)

Acta Sci. Math. (Szeged). Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)

Acta Sci. Natur. Univ. Pekinensis. Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)

Acta Tech. Acad. Sci. Hungar. Acta Technica Academae Scientiarum Hungaricae. (Budapest)

Acta Univ. Lund. Sect. II. Acta Universitatis Lundensis. Sectio II. Medica, Mathematica, Scientiae rerum naturalium. (Lund)

Actes Soc. Helv. Sci. Natur. Actes de la Société Helvétique des Sciences Naturelles. Verhandlungen der Schweizerischen Naturforschenden Gesellschaft. Atti della Società Elvetica di Scienze Naturali. (Basel)

Actualités Sci. Indust. Actualités Scientifiques et Industrielles. (Paris)

Acustica. Acustica. (Zürich)

Advances in Math. Advances in Mathematics. (New York)

Advances in Phys. Advances in Physics. A Quarterly Supplement of the Philosophical Magazine. (London)

Aero. Quart. The Aeronautical Quarterly. (London)

AIAA J. AIAA Journal. (Easton, Pa.)

Akad. Nauk Armjan. SSR Dokl. Akademija Nauk Armjanskoi SSR. Doklady. (Erevan)

Akad. Nauk Azerbaidžan. SSR Dokl. Akademija Nauk Azerbaidžanskoi SSR. Doklady. (Baku)

Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Meh. Akademija Nauk Azerbaidžanskoi SSR. Trudy Instituta Matematiki i Mekhaniki. (Baku)

Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze. Akademija Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematicheskogo Instituta im. A. M. Razmadze. (Tbilisi) See *Sakharov. SSR Mecn. Akad. Math. Inst. Šrom.*

ABBREVIATIONS OF NAMES OF JOURNALS

<p><i>Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.</i> Akademija Nauk Kazahskoi SSR. Trudy Astrofizicheskogo Instituta. (Alma-Ata)</p> <p><i>Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Mekh.</i> Akademija Nauk Kazahskoi SSR. Trudy Sektora Matematiki i Mekhaniki. (Alma-Ata)</p> <p><i>Akad. Nauk SSSR Izv. Sibirs. Otd.</i> Akademija Nauk SSSR. Izvestija Sibirskego Otdeleniya Akademii Nauk SSSR. (Novosibirsk) (Continued as: <i>Izv. Sibirs. Otd. Akad. Nauk SSSR Ser. Tekhn. Nauk</i>)</p> <p><i>Akad. Nauk SSSR Sibirs. Otdel. Inst. Avtomat. Èlektrometr. Trudy.</i> Akademija Nauk SSSR. Sibirske Otdelenie. Institut Avtomatiki i Èlektrometrii. Trudy. (Novosibirsk)</p> <p><i>Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.</i> Akademija Nauk SSSR. Trudy Jakutskogo Filiala. Serija fizicheskaja. (Moscow)</p> <p><i>Akad. Nauk Uzbek. SSR Trudy Inst. Mat.</i> Akademija Nauk Uzbekskoi SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)</p> <p><i>Akad. Wiss. Lit. Mainz Abh. Math.-Natur. Kl.</i> Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)</p> <p><i>Akust. Beihete.</i> Akustische Beihete. (Stuttgart)</p> <p><i>Akust. Ž.</i> Akademija Nauk SSSR. Akusticheskij Zhurnal. (Moscow) (Translated as: <i>Soviet Physics Acoust.</i>)</p> <p><i>Algebra i Logika Sem.</i> Akademija Nauk SSSR. Sibirske Otdelenie. Institut Matematiki. Algebra i Logika. Seminar. (Novosibirsk)</p> <p><i>Algorytmy.</i> Algorytmy. Prace Instytutu Maszyn Matematycznych Polskiej Akademii Nauk. (Warsaw)</p> <p><i>Allgemein. Statist. Arch.</i> Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)</p> <p><i>Amer. J. Math.</i> American Journal of Mathematics. (Baltimore, Md.)</p> <p><i>Amer. J. Phys.</i> American Journal of Physics. (New York)</p> <p><i>Amer. Math. Monthly.</i> The American Mathematical Monthly. (Buffalo, N.Y.)</p> <p><i>Amer. Math. Soc. Transl.</i> American Mathematical Society Translations. (Providence, R.I.)</p> <p><i>AMR.</i> Applied Mechanics Reviews. (New York)</p> <p><i>An. Acad. Brasil. Ci.</i> Anais da Academia Brasileira de Ciencias. (Rio de Janeiro)</p> <p><i>An. Inst. Mat. Univ. Nac. Autónoma México.</i> Anales del Instituto de Matematicas. Universidad Nacional Autónoma de México. (Mexico City)</p> <p><i>An. Soc. Ci. Argentina.</i> Anales de la Sociedad Cientifica Argentina. (Buenos Aires)</p> <p><i>An. Sti. Univ. "Al. I. Cuza" Iași Sec. I a Mat.</i> Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I. a. Matematică. (Iași)</p> <p><i>An. Univ. București Ser. Acta Logica.</i> Analele Universității București. Seria Acta Logica. (Bucharest)</p> <p><i>An. Univ. București Ser. Ști. Natur. Fiz.</i> Analele Universității București. Seria Științele Naturii. Fizică. (Bucharest)</p> <p><i>An. Univ. București Ser. Ști. Natur. Mat.-Mec.</i> Analele Universității București. Seria Științele Naturii. Matematică-Mecanică. (Bucharest)</p> <p><i>An. Univ. Timișoara Ser. Ști. Mat.-Fiz.</i> Analele Universității din Timișoara. Seria Științe Matematice-Fizice. (Timișoara)</p> <p><i>Ann. Acad. Sci. Fenn. Ser. A I.</i> Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fenniae. Series A. I. Mathematica. (Helsinki)</p> <p><i>Ann. Acad. Sci. Fenn. Ser. A VI.</i> Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fenniae. Series A. VI. Physica. (Helsinki)</p> <p><i>Ann. Assoc. Internat. Calcul Analog.</i> Annales de l'Association Internationale pour le Calcul Analogique. Proceedings of the International Association for Analog Computation. (Brussels)</p> <p><i>Ann. Astrophys.</i> Annales d'Astrophysique. (Paris)</p>	<p><i>Ann. Fac. Sci. Univ. Toulouse.</i> Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)</p> <p><i>Ann. Geofis.</i> Annali di Geofisica. Rivista dell'Istituto Nazionale di Geofisica. (Rome)</p> <p><i>Ann. Inst. Fourier (Grenoble).</i> Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)</p> <p><i>Ann. Inst. H. Poincaré Sect. A.</i> Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)</p> <p><i>Ann. Inst. H. Poincaré Sect. B.</i> Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)</p> <p><i>Ann. Inst. Statist. Math.</i> Annals of the Institute of Statistical Mathematics. (Tokyo)</p> <p><i>Ann. Japan Assoc. Philos. Sci.</i> Annals of the Japan Association for Philosophy of Science. (Tokyo)</p> <p><i>Ann. Mat. Pura Appl.</i> Annali di Matematica Pura ed Applicata. (Bologna)</p> <p><i>Ann. Math. Statist.</i> The Annals of Mathematical Statistics. (Baltimore, Md.)</p> <p><i>Ann. New York Acad. Sci.</i> Annals of the New York Academy of Sciences. (New York)</p> <p><i>Ann. of Math.</i> Annals of Mathematics. (Princeton, N.J.)</p> <p><i>Ann. of Sci.</i> Annals of Science. (London)</p> <p><i>Ann. Physics.</i> Annals of Physics. (New York)</p> <p><i>Ann. Physik.</i> Annalen der Physik. (Leipzig)</p> <p><i>Ann. Physique.</i> Annales de Physique. (Paris)</p> <p><i>Ann. Polon. Math.</i> Polaka Akademia Nauk. Annales Polonici Mathematici. (Warsaw)</p> <p><i>Ann. Ponts Chaussées.</i> Annales de Ponts et Chausées. (Paris)</p> <p><i>Ann. Radioélec.</i> Annales de Radioélectricité. (Paris)</p> <p><i>Ann. Sci. École Norm. Sup.</i> Annales Scientifiques de l'École Normale Supérieure. (Paris)</p> <p><i>Ann. Scuola Norm. Sup. Pisa.</i> Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche. (Pisa)</p> <p><i>Ann. Soc. Sci. Bruxelles Sér. I.</i> Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)</p> <p><i>Ann. Télécommun.</i> Annales des Télécommunications. (Paris)</p> <p><i>Ann. Univ. Ferrara Sez. VII.</i> Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)</p> <p><i>Ann. Univ. Lyon Sect. B.</i> Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Lyon)</p> <p><i>Ann. Univ. Mariae Curie-Sklodowska Sect. A.</i> Annales Universitatis Mariae Curie-Sklodowska. Section A. Mathematics. (Lublin)</p> <p><i>Ann. Univ. Mariae Curie-Sklodowska Sect. AA.</i> Annales Universitatis Mariae Curie-Sklodowska. Section AA. Physics and Chemistry. (Lublin)</p> <p><i>Ann. Univ. Sarav. Math.-Natur. Fak.</i> Annales Universitatis Saraviensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)</p> <p><i>Ann. Univ. Sci. Budapest. Eötvös Sect. Math.</i> Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Section Mathematica. (Budapest)</p> <p><i>Ann. Univ. Turku. Ser. A I.</i> Annales Universitatis Turkuensis. Series A. I. Astronomica-Chemica-Physica-Mathematica. (Turku)</p> <p><i>Annuaire Univ. Sofia Fac. Math.</i> Godišnik na Sofijskija Universitet Matematičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)</p> <p><i>Annuaire Univ. Sofia Fac. Phys.</i> Godišnik na Sofijskija Universitet Fizičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)</p> <p><i>Annual Rep. Coll. Lib. Arts Univ. Iwate.</i> Annual Report of the College of Liberal Arts, University of Iwate. (Kakuzanwaki)</p>
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ABBREVIATIONS OF NAMES OF JOURNALS

Anuário Obs. São Paulo. Universidade de São Paulo. Instituto Astronómico e Geofísico. Anuário do Observatório de S. Paulo. (São Paulo)

Apł. Mat. Československá Akademie Věd. Aplikace Matematiky. (Prague)

Appl. Mech. Rev. Applied Mechanics Reviews. (New York) (Sometimes abbreviated as *AMR* in the text of *Math. Reviews*)

Appl. Sci. Res. Applied Scientific Research. (The Hague)

Appl. Statist. Applied Statistics. A Journal of the Royal Statistical Society. (London)

Årbok Univ. Bergen Mat.-Natur. Ser. Årbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)

Arch. Automat. i Telemech. Instytut Automatyki Polskiej Akademii Nauk. Archivum Automatyki i Telemekaniki. (Warsaw)

Arch. Elektrotech. Archiv für Elektrotechnik. (Berlin-Göttingen-Heidelberg)

Arch. History Exact Sci. Archive for History of Exact Sciences. (Berlin)

Arch. Math. (Basel). Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)

Arch. Math. (Brno). Spisy Přírodrovědecké Fakulty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)

Arch. Math. Logik Grundlagenforsch. Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)

Arch. Mech. Stos. Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw)

Arch. Rational Mech. Anal. Archive for Rational Mechanics and Analysis. (Berlin)

Arch. Sci. Soc. Phys. Histoire Natur. Genève. Archives des Sciences. Société de Physique et d'Histoire Naturelle de Genève. (Geneva)

Archimede. Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)

Ark. Astronom. Arkiv för Astronomi. (Stockholm)

Ark. Fys. Arkiv för Fysik. (Stockholm)

Ark. Mat. Arkiv för Matematik. (Stockholm)

Arkhimedes. Arkhimedes. Suomen Fysikaokesura—Finlands Fysikförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matematiske Förening r.y. (Helsinki)

Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat. Arquivo do Instituto Gulbenkian de Ciência. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)

Assoc. Roy. Actuair. Belges Bull. Association Royale des Actuaires Belges. Bulletin. (Brussels)

Astrofizika. Akademija Nauk Armjanskoi SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)

Astronaut. Acta. Astronautica Acta. (Vienna)

Astronom. J. The Astronomical Journal. (New Haven, Conn.)

Astronom. Jber. Astronomischer Jahresbericht. (Berlin)

Astronom. Nachr. Astronomische Nachrichten. (Berlin)

Astronom. Ž. Akademija Nauk Sojuza SSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)

Astrophys. J. The Astrophysical Journal. (Chicago, Ill.)

Astrophys. Norvegica. Det Norske Videnskaps-Akademii i Oslo. Astrophysica Norvegica. (Oslo)

Astrophysics. Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)

Atatürk Univ. Yayınları Ser.-Mat. Atatürk Üniversitesi Yayınları-Araştırmalar Serisi—Matematik. Publications of Atatürk University. Research Series—Mathematics. (Erzurum)

Atti Accad. Gioenia Sci. Natur. Catania. Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)

Atti Accad. Ligure Sci. Lett. Atti della Accademia Ligure di Scienze e Lettere. (Genoa)

Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. I. Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I^a. (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)

Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. II. Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione II^a. (Fisica, Chimica, Geologia, Paleontologia e Mineralogia). (Rome)

Atti Accad. Naz. Lincei Rend. Adunanza Solenni. Atti della Accademia Nazionale dei Lincei. Rendiconti delle Adunanze Solenni. (Rome)

Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur. Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)

Atti Accad. Sci. Fis. Mat. Napoli. Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)

Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Mem. Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Memorie. (Bologna)

Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend. Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)

Atti Accad. Sci. Lett. Arti Palermo Parte I. Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)

Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur. Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)

Atti Sem. Mat. Fis. Univ. Modena. Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)

Austral. J. Appl. Sci. Australian Journal of Applied Science. (Melbourne)

Austral. J. Phys. Australian Journal of Physics. (Melbourne)

Austral. J. Sci. The Australian Journal of Science. (Sydney)

Austral. J. Statist. The Australian Journal of Statistics. (Sydney)

Automat. Remote Control. Automation and Remote Control. (A translation of *Automatika i Telemekanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Automat. i Telemeh.*)

Automatica. Internat. J. Automat. Control Automation. Automatica. The International Journal on Automatic Control and Automation. (Oxford)

Automatizace. Ministerstvo Těžkého Průmyslu. Čs. Vědeckotechnická Společnost-Komise pro Automatizaci. (Prague)

Avh. Norske Vid.-Akad. Oslo I. Avhandlinger Utgitt av det Norske Videnskaps-Akademii i Oslo. I. Mat.-Naturv. Klasse. (Oslo)

Avtomat. i Telemeh. Akademija Nauk Sojuza SSR. Avtomatika i Telemekanika. (Moscow) (Translated as: *Automat. Remote Control*)

Avtomat. i Vyčisl. Tehn. Avtomatika i Vyčislitel'naja Tehnika. (Riga)

Avtomatika. Akademija Nauk Ukrains'koj RSR. Institut Elektrotehniki. Avtomatika. (Kiev)

Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk. Azerbaidszanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenye Zapiski. Serija Fiziko-Matematičeskikh i Himičeskikh Nauk. (Baku)

Baškir. Gos. Univ. Učen. Zap. Baškirskij Gosudarstvennyj Universitet. Učenye Zapiski. (Ufa)

Bayer. Akad. Wiss. Math.-Natur. Kl. Abh. Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abhandlungen. (Munich)

Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B. Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)

Behavioral Sci. Behavioral Science. (Baltimore, Md.—Ann Arbor, Mich.)

ABBREVIATIONS OF NAMES OF JOURNALS

Beijing Daxue Xuebao Ziran Kexue. See *Acta Sci. Natur. Univ. Pekinensis.*

Bell System Tech. J. The Bell System Technical Journal. (New York)

Biometrics. Biometrics. Journal of the Biometric Society. (Blacksburg, Va.)

Biometrika. Biometrika. (London)

BIT = Nordisk Tidsskr. Informations-Behandling.

Bjull. Inst. Teoret. Astronom. Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Bjulleten' Instituta Teoretičeskoi Astronomii. (Moscow)

B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb. B'lgarska Akademija na Naukite. Otdelenie a Matematičeski i Fizičeski Nauki. Izvestija na Fizičeski Institut s Anob. (Sofia) (Formerly listed as: *B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.*)

B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst. B'lgarska Akademija na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Matematičeskij Institut. (Sofia) (Formerly listed as: *B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst.*)

Bol. Fac. Ingen. Agrimens. Montevideo. Boletín de la Facultad de Ingeniería y Agrimensura de Montevideo. (Montevideo)

Bol. Soc. Mat. Mexicana. Boletín de la Sociedad Matemática Mexicana. (Mexico, D.F.)

Bol. Soc. Mat. São Paulo. Boletim da Sociedade de Matemática de São Paulo. (São Paulo)

Bol. Univ. Paraná Inst. Fis. Boletim da Universidade do Paraná Conselho de Pesquisas. Instituto de Física. (Paraná)

Boll. Un. Mat. Ital. Bollettino della Unione Matematica Italiana. (Bologna)

Bonn. Math. Schr. Bonner Mathematische Schriften. (Bonn)

British J. Hist. Sci. British Society for the History of Science. British Journal for the History of Science. (London)

British J. Philos. Sci. The British Journal for the Philosophy of Science. (Edinburgh)

Buharsk. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk. Buharskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Bukhara)

Bul. Akad. Štiince RSS Moldoven. Akademija Nauk Moldavskoj SSR. Izvestija Akademii Nauk Moldavskoj SSR. Buletinul Academiei de Štiințe a RSS Moldovenești'. (Kishinev)

Bul. Inst. Politehn. București. Buletinul Institutului Politehnic București. (Bucharest)

Bul. Inst. Politehn. Iași. Buletinul Institutului Politehnic din Iași. Serie Nouă. (Iași)

Bul. řti. Inst. Politehn. Cluj. Buletinul řtiințific al Institutului Politehnic din Cluj. (Cluj)

B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb. See *B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.*

B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst. See *B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst.*

Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys. Bulletin de l'Académie Polonoise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)

Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math. Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles Sciences. Mathématiques. (Belgrade)

Bull. Amer. Math. Soc. Bulletin of the American Mathematical Society. (Providence, R.I.)

Bull. Astronom. Bulletin Astronomique. (Paris)

Bull. Astronom. Inst. Netherlands. Bulletin of the Astronomical Institutes of the Netherlands. (Haarlem)

Bull. Calcutta Math. Soc. Bulletin of the Calcutta Mathematical Society. (Calcutta)

Bull. College Sci. (Baghdad). Bulletin of the College of Science. (Baghdad)

Bull. Earthquake Res. Inst. Univ. Tokyo. Bulletin of the Earthquake Research Institute, University of Tokyo. (Tokyo)

Bull. Fac. Educ. Univ. Kagoshima. Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)

Bull. Fukuoka Gakugei Univ. III. Bulletin of Fukuoka Gakugei University. III. Natural Sciences. (Fukuoka)

Bull. Géodésique. Bulletin Géodésique. (Paris)

Bull. Inst. Internat. Statist. Bulletin de l'Institut International de Statistique. (The Hague)

Bull. (Izv.) Acad. Sci. USSR Geophys. Ser. Bulletin (Izvestiya) Academy of Sciences, USSR. Geophysics Series. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Geofiz.*) (Continued as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys. and Izv. Acad. Sci. USSR Phys. Solid Earth*)

Bull. JSME. Bulletin of JSME. (Japan Society of Mechanical Engineers). (Tokyo)

Bull. Kyoto Gakugei Univ. Ser. B. Bulletin of the Kyoto Gakugei University. Ser. B. Mathematics and Natural Science. (Kyoto) (Continued as: *Bull. Kyoto Univ. Education Ser. B*)

Bull. Kyoto Univ. Education Ser. B. Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto) (Formerly: *Bull. Kyoto Gakugei Univ. Ser. B*)

Bull. Kyushu Inst. Tech. Math. Natur. Sci. Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)

Bull. Math. Biophys. The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)

Bull. Math. Soc. Nanyang Univ. Majallah Tahunan 'Ilmu Pasti. Bulletin of Mathematical Society. Nanyang University. (Singapore)

Bull. Math. Soc. Sci. Math. Phys. R. P. Roumaine. Bulletin Mathématique de la Société des Sciences Mathématiques et Physiques de la République Populaire Roumaine. (Bucharest)

Bull. Math. Statist. Bulletin of Mathematical Statistics. (Fukuoka)

Bull. Sci. Conseil Acad. RSF Yugoslav. Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. (Zagreb) (Continued as: *Bull. Sci. Conseil Acad. RSF Yugoslav. Sect. A*)

Bull. Sci. Conseil Acad. RSF Yugoslav. Sect. A. Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie Section A. (Zagreb) (Formerly: *Bull. Sci. Conseil Acad. RSF Yugoslav.*)

Bull. Sci. Engrg. Res. Lab. Waseda Univ. Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)

Bull. Sci. Math. Bulletin des Sciences Mathématiques. (Paris)

Bull. Signal. 1 Math. Pures Appl. Ministère de l'Éducation Nationale. Centre National de la Recherche Scientifique. Bulletin Signalétique. I. Mathématiques Pures et Appliquées. (Paris)

Bull. Soc. Amis Sci. Lettres Poznań Sér. B. Bulletin de la Société des Amis des Sciences et des Lettres de Poznań. Série B: Sciences Mathématiques et Naturelles. (Poznań)

Bull. Soc. Math. Belg. Bulletin de la Société Mathématique de Belgique. (Brussels)

Bull. Soc. Math. France. Bulletin de la Société Mathématique de France. (Paris)

Bull. Soc. Math. Grèce. Bulletin de la Société Mathématique de Grèce. (Athens)

Bull. Soc. Math. Phys. Macédoine. Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Bilet na Drustvoto na Matematičarite i Fizičarite od Socialistička Republika Makedonija. (Skopje)

Bull. Soc. Roy. Sci. Liège. Bulletin de la Société Royale des Sciences de Liège. (Liège)

Bull. Soc. Sci. Lettres Lódz. Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)

Bull. Tokyo Gakugei Univ. Bulletin of Tokyo Gakugei University. (Tokyo)

Bull. Trimest. Inst. Actuaires Franç. Bulletin Trimestriel de l'Institut des Actuaires Français. (Paris)

ABBREVIATIONS OF NAMES OF JOURNALS

Bull. Univ. Osaka Prefecture Ser. A. Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)

C. R. Acad. Bulgare Sci. Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)

C. R. Acad. Sci. Paris Sér. A-B. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B. (Paris)

Cahiers Centre Études Recherche Opér. Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)

Cahiers Centre Math. Statist. Appl. Sci. Social. Cahiers du Centre de Mathématique et de Statistique Appliquées aux Sciences Sociales de l'Institut de Sociologie Solvay. (Brussels)

Cahiers de Phys. Cahiers de Physique. (Paris)

Cahiers Rhône. Cahiers Rhodaniens. (Lyon)

Cálculo Automát. y Cibernét. Cálculo Automático y Cibernética. (Madrid)

Calcolo. Calcolo. (Rome)

Calcutta Statist. Assoc. Bull. Calcutta Statistical Association Bulletin. (Calcutta)

Canad. J. Math. Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)

Canad. J. Phys. Canadian Journal of Physics. (Ottawa, Ont.)

Canad. Math. Bull. Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)

Časopis Přst. Mat. Československá Akademie Věd. Časopis pro Přstování Matematiky. (Prague)

Centaurus. Centaurus. (Copenhagen)

Českoslov. Časopis Fys. Sekce A. Československá Akademie Věd. Československý Časopis Pro Fysiku Sekce A. (Prague)

Chalmers Tekn. Högsk. Handl. Chalmers Tekniska Högskolans Handlingar. Transactions of Chalmers University of Technology, Gothenburg, Sweden. (Gothenburg)

Chinese J. Phys. (Peking). Chinese Journal of Physics (Peking). (A translation of Acta Physica Sinica of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)

Chinese Math.—Acta. Chinese Mathematics. Translation of Acta Mathematica Sinica. (Providence, R.I.) (Translation of *Acta Math. Sinica*)

Ciência (Lisboa). Ciência. Revista de Cultura Científica. (Lisbon)

Ciencias (Madrid). Las Ciencias. (Madrid)

Collect. Math. Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica. (Barcelona)

Colloq. Math. Colloquium Mathematicum. (Warsaw)

Com. Acad. R. P. Romîne. Comunicările Academiei Republicii Populară Romîne. (Bucharest)

Comm. ACM. Communications of the Association for Computing Machinery. (New York)

Comm. Dublin Inst. Adv. Studies Ser. A. Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)

Comm. Fac. Sci. Univ. Ankara Sér. A. Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)

Comm. Math. Phys. Communications in Mathematical Physics. (New York)

Comm. Pure Appl. Math. Communications on Pure and Applied Mathematics. (New York)

Comment. Math. Helv. Commentarii Mathematici Helvetici. (Zürich)

Comment. Math. Univ. Carolinæ. Commentationes Mathematicae Universitatis Carolinae. (Prague)

Comment. Math. Univ. St. Paul. Commentarii Mathematici Universitatis Sancti Pauli. Rikkyo Daigaku Sūgaku Zasshi. (Tokyo)

Compositio Math. Compositio Mathematica. (Groningen)

Comput. Bull. The Computer Bulletin. (London)

Comput. J. The Computer Journal. (London)

Comput. Rev. Computing Reviews. (New York) (Usually abbreviated CR in the text of *Math. Reviews*)

Computing (Arch. Elektron. Rechnen). Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)

Confer. Sem. Mat. Univ. Bari. Conference del Seminario di Matematica dell'Università di Bari. (Bari)

CORS J. CORS J. The Canadian Operational Research Society Journal. (Toronto, Ont.)

Cosmic Research. Cosmic Research. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmich. Issled.*)

CR. Computing Reviews. (New York)

Čuvaj. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvetlenija RSFSR. Čuvajskij Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenyye Zapiski. (Cheboksary)

Cybernetica. Cybernetica. (Namur)

Cybernetics. Cybernetics. (New York) (A translation of *Kibernetika (Kiev)*)

Czechoslovak J. Phys. Sect. B. Čehoslovackaja Akademija Nauk. Čehoslovackij Fizicheskij Zurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. (Prague)

Czechoslovak Math. J. Čehoslovackaja Akademija Nauk. Čehoslovackij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)

Defence Sci. J. Defence Science Journal. (Delhi)

Denki Gakkai Zasshi. Institute of Electrical Engineers of Japan. Denki Gakkai Zasshi. (Tokyo) (Translated as: *Electrical Engrg. Japan*)

Denki Tsushin Gakkai Zasshi. Institute of Electrical Communication Engineers of Japan. Denki Tsushin Gakkai Zasshi. (Tokyo) (Translated as: *Electron. Commun. Japan*)

Deutsche Geodät. Kommiss. Bayer. Akad. Wiss. Reihe A Theoret. Geodäsie. Deutsche Geodätische Kommission bei der Bayerischen Akademie der Wissenschaften. Reihe A. Theoretische Geodäsie. (Munich)

Deutsche Geodät. Kommiss. Bayer. Akad. Wiss. Reihe B Angew. Geodäsie. Deutsche Geodätische Kommission bei der Bayerischen Akademie der Wissenschaften. Reihe B. Angewandte Geodäsie. (Munich)

Dialectica. Dialectica. (Neuchâtel)

Differencial'nye Uravnenija. Differencial'nye Uravnenija. (Minsk) (Translated as: *Differential Equations*)

Differential Equations. Differential Equations. (New York) (Translation of *Differencial'nye Uravnenija*)

Discussions Faraday Soc. Discussions of the Faraday Society. (London)

Diskret. Analiz. Akademija Nauk SSSR. Sibirskoe Otdelenie, Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)

Dissertationes Math. Rozprawy Mat. Polskiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw) (Formerly: *Rozprawy Mat.*)

Dokl. Akad. Nauk BSSR. Doklady Akademii Nauk BSSR. (Minsk)

Dokl. Akad. Nauk SSSR. Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: *Soviet Math. Dokl.*; Physics section translated as: *Soviet Physics Dokl.*)

Dokl. Akad. Nauk Tadžik. SSR. Doklady Akademii Nauk Tadžikskoj SSR. (Duhanbo)

Dopovidi Akad. Nauk Ukrains. RSR. Dopovidi Akademii Nauk Ukrains'koj RSR. (Kiev)

Duke Math. J. Duke Mathematical Journal. (Durham, N.C.)

Econometrica. Econometrica. Journal of the Econometric Society. (Chicago, Ill.)

EEA. Science Abstracts. Electrical & Electronics Abstracts. (London)

ABBREVIATIONS OF NAMES OF JOURNALS

Eesti NSV Tead. Akad. Füüs. Astronom. Inst. Uurim. Eesti NSV Teaduste Akadeemia Füüsika ja Astronomia Instituti Uurimus. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Estoneskoi SSR.) Publikacii Tartuskoi Astronomicheskoi Observatorii. (Tartu)

Eesti NSV Tead. Akad. Tartu Astronom. Observ. Publ. Eesti NSV Teaduste Akadeemia Tartu Astronomia Observatoriumi Publikatsioonid. (Tartu)

Eesti NSV Tead. Akad. Toimetised Füüs.-Mat. Tehn.-tead. Seer. Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matematika-ja Tehnikateaduste Seeria. Izvestija Akademii Nauk Èstonskoj SSR. Serija Fiziko-Matematicheskikh i Tekhnicheskikh Nauk. (Tallin)

Ekonom.-Mat. Obzor. Československá Akademie Věd. Ekonomicko-Matematičký Obzor. (Prague)

Electrical & Electronics Abstracts. Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated *EEA* in the text of *Math. Reviews*) (Formerly: *Sci. Abstracts Sect. B*)

Electrical Engrg. Japan. Institute of Electrical and Electronics Engineers. Electrical Engineering in Japan. (A translation of *Denki Gakkai Zasshi* of the Institute of Electrical Engineers of Japan) (New York) (Translation of *Denki Gakkai Zasshi*)

Electron. Commun. Japan. Institute of Electrical and Electronics Engineers. Electronics and Communications in Japan. (A translation of *Denki Tsushin Gakkai Zasshi* of the Institute of Electrical Communication Engineers of Japan). (New York) (Translation of *Denki Tsushin Gakkai Zasshi*)

Elektron. Datenerarbeitung. Elektronische Datenverarbeitung. Fachberichte über programmgesteuerte Maschinen und ihre Anwendung. (Braunschweig)

Elektron. Informationeverarbeit. Kybernetik. Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)

Elem. Math. Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista di Matematica Elementare. (Basel)

Engrg. Cybernetics. Engineering Cybernetics. English Edition of *Tehničeskaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)

Enseignement Math. L'Enseignement Mathématique. (Geneva)

Erevan. Armjan. Gos. Ped. Inst. im H. Aboviana Učen. Zap. Ser. Mat. Nauk. Erevanskij Armjanskij Gosudarstvennyj Pedagogičeskij Institut im. H. Abovjana. Učenye Zapiski. Serija Matematicheskikh Nauk. (Erevan)

Ericsson Technics. Ericsson Technics. (Stockholm)

Estadist. Española. Estadística Española. (Madrid)

Estadística. Estadística. (Washington, D.C.)

Euclides (Groningen). Euclides. Tijdschrift voor de Didactiek der Exacte Vakken. (Groningen)

Euclides (Madrid). Euclides. Revista Mensual de Ciencias Exactas, Fisicas, Químicas, Naturales y Aplicaciones Técnicas. (Madrid)

Fac. Ingen. Agrimens. Montevideo Publ. Didact. Inst. Mat. Estadist. Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística. (Montevideo)

Fac. Sci. Univ. Skopje Annuaire. Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)

Fergah. Gos. Ped. Inst. Učen. Zap. Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya Uzbekskoj SSR. Ferganskij Gosudarstvennyj Pedagogičeskij Institut imeni Ulugbeka. Učenye Zapiski. Serija Matematicheskaja. (Fergana)

Fibonacci Quart. The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)

Fiz.-Mat. Spis. B'lgars. Akad. Nauk. B'lgarska Akademija na Naukite Fizičeski Institut. Matematicheski Institut. Fiziko-Matematičeskoj Spisanie. (Sofia)

Fiz. Tverd. Tela. Akademija Nauk SSSR. Fizika Tverdogo Tela. (Moscow-Leningrad) (Translated as: *Soviet Physics Solid State*)

Forsch. Ingenieurwesen. Forschung im Ingenieurwesen. (Düsseldorf)

Fortschr. Physik. Fortschritte der Physik. (Berlin)

Found. Language. International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)

Fund. Math. Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)

Funkcial. Ekvac. Fako de l'Funkcionalaj Ekvacioj Japana Matematika Socio. Funkcionalaj Ekvacioj. (Serio Internacia). (Kobe)

Gac. Mat. (Madrid). Gaceta Matemática. (Madrid)

Ganita. Ganita (Mathematics). Bharat Ganita Parishad (Benares Mathematical Society). (Lucknow)

Gaz. Mat. (Lisboa). Gazeta de Matemática. (Lisbon)

Gaz. Mat. Ser. A. Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiu și Răspândirea Științelor Matematice. Seria A. (Bucharest)

Genet. Res. Genetic Research. (New York)

Geodæt. Inst. Medd. Geodætiak Institut. Meddelelse. (Copenhagen)

Geofys. Publ. Norske Vid.-Akad. Oslo. Geofysiske Publikasjoner Utgitt av det Norske Videnskaps-Akademii i Oslo. (Oslo)

Giorn. Ist. Ital. Attuari. Giornale dell'Istituto Italiano degli Attuari. (Rome)

Giorn. Mat. Battaglini. Giornale di Matematiche di Battaglini. (Naples)

Glasgow Math. J. Glasgow Mathematical Journal. (Glasgow) (Formerly: *Proc. Glasgow Math. Assoc.*)

Glašnik Mat.-Fiz. Astronom. Ser. II Društvo Mat. Fiz. Hrvatske. Glašnik Matematičko-Fizički i Astronomski. Periodicum Mathematico-Physicum et Astronomicum. Serija II. Društvo Matematičara i Fizičara Hrvatske. Societas Mathematicorum et Physicorum Croaticae. (Zagreb)

Gruzin. Politehn. Inst. Trudy. Gruzinskij Politehničeskij Institut im. V. I. Lenina. Trudy. (Tbilisi) See *V. I. Lenin. Sakharov. Politekh. Inst. Šrom.*

Heiv. Phys. Acta. Helvetica Physica Acta. Societas Physicae Helveticae Commentaria Publica. (Basel)

Hitotsubashi J. Arts Sci. Hitotsubashi Journal of Arts & Sciences, Hitotsubashi University. (Tokyo)

Hochfrequenztech. Elektroakust. Hochfrequenztechnik und Elektroakustik. (Leipzig)

Houille Blanche. La Houille Blanche. Revue de l'Ingénieur Hydroaéruiste. (Grenoble)

IBM J. Res. Develop. IBM Journal of Research and Development. (New York)

IBM Systems J. International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)

Icarus. Icarus. International Journal of the Solar System. (New York)

ICC Bull. International Computation Centre Bulletin. Centre International de Calcul. (Rome)

ICCSU Rev. World Sci. ICSU Review of World Science. (Amsterdam)

IEEE J. Quantum Electron. IEEE Journal of Quantum Electronics. (New York)

IEEE Spectrum. IEEE Spectrum. (New York)

IEEE Trans. Antennas and Propagation. IEEE Transactions on Antennas and Propagation. (New York)

IEEE Trans. Automatic Control. IEEE Transactions on Automatic Control. (New York)

IEEE Trans. Circuit Theory. IEEE Transactions on Circuit Theory. (New York)

IEEE Trans. Comm. and Electronics. IEEE Transactions on Communication and Electronics. (New York)

IEEE Trans. Comm. Tech. IEEE Transactions on Communication Technology. (New York)

IEEE Trans. Electronic Computers. IEEE Transactions on Electronic Computers. (New York)

IEEE Trans. Information Theory. IEEE Transactions on Information Theory. (New York)

ABBREVIATIONS OF NAMES OF JOURNALS

IEEE Trans. Nuclear Science. IEEE Transactions on Nuclear Science. (New York)

IEEE Trans. Reliability. IEEE Transactions on Reliability. (New York)

IEEE Trans. Space Electronics and Telemetry. IEEE Transactions on Space Electronics and Telemetry. (New York)

Illinoi J. Math. Illinois Journal of Mathematics. (Urbana, Ill.)

Indian J. Math. Indian Journal of Mathematics. (Allahabad)

Indian J. Mech. Math. Indian Journal of Mechanics and Mathematics. (Calcutta)

Indian J. Phys. Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Science. (Calcutta)

Indian J. Theoret. Phys. Indian Journal of Theoretical Physics. (Calcutta)

Information and Control. Information and Control. (New York)

Information Processing in Japan. Information Processing in Japan. (Tokyo)

Information Storage and Retrieval. Information Storage and Retrieval. (Oxford-New York)

Ing.-Arch. Ingenieur-Archiv. (Berlin-Göttingen-Heidelberg)

Inst. Hautes Études Sci. Publ. Math. Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)

Inst. Skoglig Mat. Statist. Rapport. och Uppsatser. Institutionen för Skoglig Matematisk Statistik. Rapporter och Uppsatser. Department of Forest Biometry, Royal College of Forestry. Research Notes. (Stockholm)

Internat. J. Comput. Math. International Journal of Computer Mathematics. (New York)

Internat. J. Control. International Journal of Control. (London) (Formerly: *J. Electronics Control*)

Internat. J. Electronics. International Journal of Electronics. (London) (Formerly: *J. Electronics Control*)

Internat. J. Engrg. Sci. International Journal of Engineering Science. (Oxford-New York)

Internat. J. Mech. Sci. International Journal of Mechanical Sciences. (Oxford)

Internat. J. Non-linear Mech. International Journal of Non-linear Mechanics. (New York)

Invent. Math. Inventiones Mathematicae. (Berlin)

Int. Z. Inžinernyi Zurnal. Organ Otdelenija Tehničeskikh Nauk i Institute Mehaniki Akademii Nauk SSSR. (Moscow) See *Int. Z. Meh. Teor. Tela*.

Int. Z. Meh. Tverd. Tela. Inžinernyi Zurnal Mehanika Tverdogo Tela. Organ Otdelenija Tehničeskikh Nauk i Institute Mehaniki Akademii Nauk SSSR. (Moscow) (Formerly: *Int. Z.*)

Int.-Stroitel. Inst. Kulibyšev. Sb. Trudov. Moskovskij Ordena Trudovo-grogo Krasnogo Znameni Intežerno-Stroitel'nyi Institut im. V. V. Kulibyševa. Sbornik Trudov. (Moscow)

Isis. Isis. An International Review Devoted to the History of Science and Civilization. (Cambridge, Mass.)

Israel J. Math. Israel Journal of Mathematics. (Jerusalem)

Ist. Lombardo Accad. Sci. Lett. Rend. A. Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)

Ist. Lombardo Accad. Sci. Lett. Rend. Parte Gen. e Atti Uff. Istituto Lombardo Accademia di Scienze e Lettere. Rendiconti. Parte Generale e Atti Ufficiali. (Milan)

Ist. Veneto Sci. Lett. Arti Atti Cl. Sci. Mat. Natur. Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)

İstanbul Tek. Univ. Bül. İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)

İstanbul Univ. Fen Fak. Mec. Ser. A. İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Serisi: Sırfi ve Tatbiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Serie A: Mathématiques Pures et Appliquées. (Istanbul)

İstanbul Univ. Fen Fak. Mec. Ser. C. İstanbul Üniversitesi Fen Fakültesi Mecmuası. Seri C: Astronomi-Fizik-Kimya. Revue de la Faculté des Sciences de l'Université d'Istanbul. Serie C: Astronomie-Physique-Chimie. (Istanbul)

Istor.-Astronom. Issled. Istoriko-Astronomičeskie Issledovanija. (Moscow)

Istor.-Mat. Issled. Istoriko-Matematičeskie Issledovanija. (Moscow-Leningrad)

Ivanov. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvětjenija RSFSR. Ivanovskij Gosudarstvennyi Pedagogičeskij Institut im. D. A. Furmanova. Ivanovskoe Matematičeskoe Obščestvo. Učenye Zapiski. (Ivanovo)

Izv. Acad. Sci. USSR Atmospher. Ocean. Phys. Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*) (Formerly: *Bull. (Izv.) Akad. Nauk USSR Geophys. Ser.*)

Izv. Acad. Sci. USSR Phys. Solid Earth. Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*) (Formerly: *Bull. (Izv.) Acad. Sci. USSR Geophys. Ser.*)

Izv. Akad. Nauk Arjan. SSR Ser. Fiz. Izvestija Akademii Nauk Arjananskoi SSR. Serija Fizika. (Erevan) (Formerly: *Izv. Akad. Nauk Arjan. SSR Ser. Fiz.-Mat. Nauk*)

Izv. Akad. Nauk Arjan. SSR Ser. Mat. Izvestija Akademii Nauk Arjananskoi SSR. Serija Matematika. (Erevan) (Formerly: *Izv. Akad. Nauk Arjan. SSR Ser. Fiz.-Mat. Nauk*)

Izv. Akad. Nauk Arjan. SSR Ser. Meh. Izvestija Akademii Nauk Arjananskoi SSR. Serija Mehanika. (Erevan) (Formerly: *Izv. Akad. Nauk Arjan. SSR Ser. Fiz.-Mat. Nauk*)

Izv. Akad. Nauk Arjan. SSR Ser. Tehn. Nauk. Izvestija Akademii Nauk Arjananskoi SSR. Serija Tehničeskikh Nauk. (Erevan)

Izv. Akad. Nauk Azerbaidžan. SSR Ser. Fiz.-Tehn. Mat. Nauk. Izvestija Akademii Nauk Azerbaidžanskoi SSR. Serija Fiziko-Tehničeskikh i Matematičeskikh Nauk. (Baku)

Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk. Izvestija Akademii Nauk Kazahskoj SSR. Serija Fiziko-Matematičeskikh Nauk. (Alma-Ata)

Izv. Akad. Nauk Mold. SSR = Bul. Akad. Štiince RSS Moldoven.

Izv. Akad. Nauk SSSR Ser. Fiz. Izvestija Akademii Nauk SSSR. Serija Fizika. (Moscow)

Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana. Izvestija Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*) (Formerly: *Izv. Akad. Nauk SSSR Ser. Geofiz.*)

Izv. Akad. Nauk SSSR Ser. Fiz. Zemli. Izvestija Akademii Nauk SSSR. Serija Fizika Zemli. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*) (Formerly: *Izv. Akad. Nauk SSSR Ser. Geofiz.*)

Izv. Akad. Nauk SSSR Ser. Geofiz. Izvestija Akademii Nauk SSSR. Serija Geofizika. (Moscow) (Translated as: *Bull. (Izv.) Acad. Sci. USSR Geophys. Ser.*) (Continued as: *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana* and *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)

Izv. Akad. Nauk SSSR Ser. Mat. Izvestija Akademii Nauk SSSR. Serija Matematičeskaja. (Moscow)

Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gazu. Akademija Nauk SSSR. Izvestija Akademii Nauk SSSR. Serija Mehanika Židkosti i Gazu. (Moscow)

Izv. Akad. Nauk SSSR Tehn. Kibernet. Izvestija Akademii Nauk SSSR. Tehničeskaja Kibernetika. (Moscow) (Translated as: *Engr. Cybernetics*)

Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i Him. Nauk. Izvestija Akademii Nauk Tadžikskoj SSR. Otdelenie Fiziko-Tehničeskikh i Himičeskikh Nauk. (Dushanbe)

Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk. Izvestija Akademii Nauk Turkmeneskoi SSR. Serija Fiziko-Tehničeskikh, Himičeskikh i Geologitečeskikh Nauk. (Ashkhabad)

ABBREVIATIONS OF NAMES OF JOURNALS

Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk. Izvestija Akademii Nauk UzSSR. Serija Fiziko-Matematičeskikh Nauk. UzSSR Fanlar Akademijaasing Ahboroti. Fizika-Matematika Fanlari Serijasi. (Tashkent)

Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk. Izvestija Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematičeskikh i Tehničeskikh Nauk. (Kazan)

Izv. Krymsk. Ped. Inst. Izvestija Krymskogo Pedagogičeskogo Instituta im. M. V. Frunze. (Simferopol)

Izv. Sibirs. Otd. Akad. Nauk SSSR. Izvestija Sibirskogo Otdelejija Akademija Nauk SSSR. (Novosibirsk) (Formerly: *Izv. Sibirs. Otd. Akad. Nauk SSSR Ser. Tehn. Nauk*)

Izv. Sibirs. Otd. Akad. Nauk SSSR Ser. Tehn. Nauk. Izvestija Sibirskogo Otdelejija Akademija Nauk SSSR. Serija Tehničeskikh Nauk. (Novosibirsk) See *Izv. Sibirs. Otd. Akad. Nauk SSSR*.

Izv. Vuzov = Izv. Vysš. Učebn. Zaved. Matematika.

Izv. Vysš. Učebn. Zaved. Aviacion. Tehn. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vysših Učebnyh Zavedenij. Aviacionnaja Tekhnika. (Kazan)

Izv. Vysš. Učebn. Zaved. Matematika. Ministerstvo Vysšego Obrazovanija SSSR. Izvestija Vysših Učebnyh Zavedenij. Matematika. (Kazan)

Izv. Vysš. Učebn. Zaved. Radiofizika. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vysših Učebnyh Zavedenij. Radiofizika. (Gorki) (Translated as: *Soviet Radiophys.*)

Izv. Vysš. Učebn. Zaved. Radiotekhn. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vysših Učebnyh Zavedenij. Radiotekhnika. (Kiev) (Translated as: *Soviet Radio Engg.*)

J. Acoust. Soc. Amer. The Journal of the Acoustical Society of America. (New York)

J. Algebra. Journal of Algebra. (New York)

J. Amer. Statist. Assoc. Journal of the American Statistical Association. (Washington, D.C.)

J. Analyse Math. Journal d'Analyse Mathématique. (Jerusalem)

J. Annamalai Univ. Part B Sci. Journal of the Annamalai University. Part B. Sciences. (Annamalainagar)

J. Appl. Math. Mech. Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Mekh.*)

J. Appl. Phys. Journal of Applied Physics. (New York)

J. Appl. Probability. Journal of Applied Probability. (East Lansing, Mich.)

J. Assoc. Comput. Mach. Journal of the Association for Computing Machinery. (New York)

J. Atmospheric Sci. Journal of the Atmospheric Sciences. (Boston, Mass.)

J. Austral. Math. Soc. The Journal of the Australian Mathematical Society. (Sydney)

J. Chem. Phys. The Journal of Chemical Physics. (New York)

J. China Univ. Sci. Techn. Journal of the China University of Science and Technology. Zhongguo Kexue Jishu Daxue Xuebao. (Peking)

J. College Arts Sci. Chiba Univ. Journal of the College of Arts and Sciences, Chiba University. (Chiba)

J. Combinatorial Theory. Journal of Combinatorial Theory. (New York)

J. Computational Phys. Journal of Computational Physics. (New York)

J. Cuneiform Studies. Journal of Cuneiform Studies. (New Haven, Conn.)

J. Differential Equations. Journal of Differential Equations. (New York)

J. Electronics Control. Journal of Electronics and Control. (London) (Continued as: *Internat. J. Electronics and Internat. J. Control*)

J. Fac. Engrg. Chiba Univ. Journal of the Faculty of Engineering, Chiba University. (Chiba)

J. Fac. Engrg. Univ. Tokyo Ser. B. Journal of the Faculty of Engineering. University of Tokyo. Series B. (Tokyo)

J. Fac. Sci. Hokkaido Univ. Ser. I. Journal of the Faculty of Science. Hokkaido University. Series I. Mathematics. (Sapporo)

J. Fac. Sci. Univ. Tokyo Sect. I. Journal of the Faculty of Science. University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry. (Tokyo)

J. Fluid Mech. Journal of Fluid Mechanics. (London)

J. Franklin Inst. Journal of the Franklin Institute. (Philadelphia, Pa.)

J. Gakugei Tokushima Univ. Journal of Gakugei. Tokushima University. (Tokushima)

J. Geophys. Res. Journal of Geophysical Research. (Washington, D.C.)

J. Indian Inst. Sci. Journal of the Indian Institute of Science. (Bangalore)

J. Indian Math. Soc. The Journal of the Indian Mathematical Society. (Madras)

J. Indian Soc. Agric. Statist. Journal of the Indian Society of Agricultural Statistics. (New Delhi)

J. Indian Statist. Assoc. Journal of the Indian Statistical Association. (Bombay)

J. Inst. Actuar. Journal of the Institute of Actuaries. (London)

J. Inst. Math. Appl. Journal of the Institute of Mathematics and its Applications. (New York)

J. Karnatak Univ. Sci. Journal of the Karnatak University. Science. (Dharwar)

J. London Math. Soc. The Journal of the London Mathematical Society. (London)

J. Madras Univ. B. Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)

J. Math. Anal. Appl. Journal of Mathematical Analysis and Applications. (New York)

J. Math. and Phys. Journal of Mathematics and Physics. (Cambridge, Mass.)

J. Math. Kyoto Univ. Journal of Mathematics of Kyoto University. (Kyoto)

J. Math. Mech. Journal of Mathematics and Mechanics. (Bloomington, Ind.)

J. Math. Pures Appl. Journal de Mathématiques Pures et Appliquées. (Paris)

J. Math. Soc. Japan. Journal of the Mathematical Society of Japan. (Tokyo)

J. Mathematical Phys. Journal of Mathematical Physics. (New York)

J. Mathematical Psychology. Journal of Mathematical Psychology. (New York)

J. Méc. Phys. Atmos. Journal de Mécanique et de Physique de l'Atmosphère. (Paris)

J. Mécanique. Journal de Mécanique. (Paris)

J. Mech. Phys. Solids. Journal of the Mechanics and Physics of Solids. (London)

J. Nara Gakugei Univ. Natur. Sci. The Journal of Nara Gakugei University. Natural Science. (Nara)

J. Natur. Sci. and Math. The Journal of Natural Sciences and Mathematics. (Lahore)

J. Operations Res. Soc. Japan. Journal of the Operations Research Society of Japan. (Tokyo)

J. Opt. Soc. Amer. Journal of the Optical Society of America. (New York)

J. Osaka Inst. Sci. Tech. Part I. Journal of the Osaka Institute of Science and Technology. (Kinki University). Part I. Mathematics and Physics. (Osaka)

ABBREVIATIONS OF NAMES OF JOURNALS

J. Phys. Soc. Japan. Journal of the Physical Society of Japan. (Tokyo)

J. Proc. Roy. Soc. New South Wales. Journal and Proceedings of the Royal Society of New South Wales. (Sydney)

J. Reine Angew. Math. Journal für die reine und angewandte Mathematik. (Berlin)

J. Res. Natl. Bur. Standards Sect. B. Journal of Research of the National Bureau of Standards. Section B. Mathematics and Mathematical Physics. (Washington, D.C.)

J. Roy. Aeronaut. Soc. The Journal of the Royal Aeronautical Society. (London)

J. Roy. Astronom. Soc. Canada. The Journal of the Royal Astronomical Society of Canada. (Toronto, Ont.)

J. Roy. Statist. Soc. Ser. A. Journal of the Royal Statistical Society. Series A (General). (London)

J. Roy. Statist. Soc. Ser. B. Journal of the Royal Statistical Society. Series B (Methodological). (London)

J. Sci. Engrg. Res. Journal of Science and Engineering Research. (Kharagpur)

J. Sci. Hiroshima Univ. Ser. A-I Math. Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima)

J. Sci. Res. Banaras Hindu Univ. The Journal of Scientific Research of the Banaras Hindu University. (Banaras)

J. Ship Res. Journal of Ship Research. (New York)

J. Soc. Indust. Appl. Math. Journal of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.) (Continued as: *SIAM J. Appl. Math.*)

J. Soc. Indust. Appl. Math. Ser. A Control. Journal of the Society for Industrial and Applied Mathematics. Series A: Control. (Philadelphia, Pa.) (Continued as: *SIAM J. Control.*)

J. Soc. Indust. Appl. Math. Ser. B Numer. Anal. Journal of the Society for Industrial and Applied Mathematics. Series B. Numerical Analysis. (Philadelphia, Pa.) (Continued as: *SIAM J. Numer. Anal.*)

J. Symbolic Logic. The Journal of Symbolic Logic. (Providence, R.I.)

J. Tsing Hua Univ. Journal of Tsing Hua University. (Peking)

J. Univ. Bombay. Journal of the University of Bombay. (Bombay)

J. Washington Acad. Sci. Journal of the Washington Academy of Sciences. (Washington, D.C.)

J. Zosen Kiokai. Journal of Zosen Kiokai. Society of Naval Architects of Japan. (Tokyo)

Jadernaja Fiz. Akademija Nauk SSSR. Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)

Janus. Janus. Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)

Japan. J. Math. Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)

Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer. Jaroslavskij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyh Konferencijah. (Jaroslavl)

Jber. Deutsch. Math.-Verein. Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)

JETP Lett. JETP Letters. (A translation of *JETP [ŽETF] Pis'ma v Redakciju* of the Academy of Sciences of the USSR). (New York) (Translation of *ŽETF Pis'ma*)

Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyie Zapiski. Serija Fiziko-Matematičeskaja. (Nalchik)

Kalinin. Gos. Ped. Inst. Učen. Zap. Kalininskij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalinina. Učenyie Zapiski. (Kalinin)

Kazan. Gos. Univ. Učen. Zap. Kazanskij Ordena Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet im. V. I. Ul'janova-Lenina. Učenyie Zapiski. (Kazan)

Keiei-Kagaku. Keiei-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)

Kemerov. Gos. Ped. Inst. Učen. Zap. Kemerovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyie Zapiski. (Kemerovo)

Kexue Tongbao. Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)

Kexue Tongbao (Foreign Lang. Ed.). Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)

Kibernetika (Kiev). Otdelenie Matematiki, Mechaniki i Kibernetiki Akademii Nauk Ukrainskoj SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)

Kišinev. Gos. Univ. Učen. Zap. Ministerstvo Narodnogo Obrazovaniya Moldavskoj SSR. Kišinevskij Gosudarstvennyj Universitet. Učenyie Zapiski. (Kišinev)

Kōdai Math. Sem. Rep. Kōdai Mathematical Seminar Reports. (Tokyo)

Kolomen. Ped. Inst. Učen. Zap. Ministerstvo Prosvetlenija RSFSR. Kolomenskij Pedagogičeskij Institut. Učenyie Zapiski. (Kolomna) (Formerly: *Kolomen. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat.*)

Kolomen. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Ministerstvo Prosvetlenija RSFSR. Kolomenskij Pedagogičeskij Institut. Učenyie Zapiski. Serija Fiziko-Matematičeskaja. (Kolomna) See *Kolomen. Ped. Inst. Učen. Zap.*

Kosmič. Issled. Akademija Nauk SSSR. Kosmičeskie Issledovaniya. (Moscow) (Translated as: *Cosmic Research*)

Köz. Mat. Lapok. KÖZépiakolai Matematikai Lapok. (Budapest)

Kristallografiya. Akademija Nauk SSSR. Kristallografiya. (Moscow) (Translated as: *Soviet Physics Cryst.*)

Kulibyšev. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvetlenija RSFSR. Kulibyševskij Gosudarstvennyj Pedagogičeskij Institut imeni V. V. Kulibyševa. Učenyie Zapiski. (Kulibyšev)

Kumamoto J. Sci. Ser. A. Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)

Kungl. Svenska Vetenskapsakad. Handl. Kungl. Svenska Vetenskapsakademiens Handlingar. (Stockholm)

Kungl. Tekn. Högsk. Handl. Stockholm. Kungl. Tekniska Högskolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden. (Stockholm)

Kybernetik (Berlin). Kybernetik. (Berlin)

Kybernetika (Prague). Kybernetika. (Prague)

Kyungpook Math. J. Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)

Latvijas PSR Zinātņu Akad. Vēstis. Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvestija Akademii Nauk Latvijskoj SSR. (Riga)

Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr. Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvestija Akademii Nauk Latvijskoj SSR. Serija Fizikočeskikh i Tehnicočeskikh Nauk. (Riga)

Latvijas Valsts Univ. Zinātn. Raksti. PSRS Augstākās Izglītības Ministrija. Pēteri Stučkas Latvijas Valsts Universitāte. Zinātņu Raksti. Ministerstvo Vyššego Obrazovaniya. Latvijskij Gosudarstvennyj Universitet im. Petra Stučki. Učenyie Zapiski. (Riga)

Leningrad. Gos. Ped. Inst. Učen. Zap. Leningradskij Gosudarstvennyj Pedagogičeskij Institut im. A. I. Gercena. Učenyie Zapiski. (Leningrad)

Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk. Leningradskij Gosudarstvennyj Ordena Lenina Universitet imeni A. A. Ždanova. Učenyie Zapiski. Serija Matematičeskikh Nauk. (Leningrad)

Leningrad. Politehn. Inst. Trudy. Ministerstvo Vyššego i Srednego Special'nogo Obrazovaniya RSFSR. Leningradskij Politehničeskij Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)

ABBREVIATIONS OF NAMES OF JOURNALS

Litovsk. Fiz. Sb. Lietuvos TSR Moksly Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Fizikos Rinkinys. Akademija Nauk Litovskoj SSR. Vyšie Školy Litovskoj SSR. Litovskij Fizičeski Sbornik. (Vilnius)

Litovsk. Mat. Sb. Lietuvos TSR Moksly Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Matematikos Rinkinys. Akademija Nauk Litovskoj SSR. Vyšie Učebnye Zavedenija Litovskoj SSR. Litovskij Matematičeski Sbornik. (Vilnius)

Logique et Analyse. Logique et Analyse. (Louvain)

Lucrăr. Ști. Inst. Politehn. Brașov. Ministerul Învățământului. Institutul Politehnic Brașov. Facultatea de Mecanică. Lucrările Științifice. (Brașov) (Formerly: *Lucrăr. Ști. Inst. Politehn. Brașov Fac. Mec.*)

Lucrăr. Ști. Inst. Politehn. Brașov Fac. Mec. Lucrările Științifice Facultății de Mecanică. (Brașov) (Continued as: *Lucrăr. Ști. Inst. Politehn. Brașov*)

L'vov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat. MVO USSR. L'vovskij Politehničeskij Institut. Naučnye Zapiski. Serija Fiziko-Matematičeskaja. (Lvov)

Madhya Bharati II A. Madhya Bharati. Journal of the University of Saugar. Part II, Sec. A. (Saugar) See *Madhya Bharati J. Univ. Saugar II A.*

Madhya Bharati J. Univ. Saugar II A. Madhya Bharati. Journal of the University of Saugar. Part II, Sec. A. (Saugar) (Formerly: *Madhya Bharati II A*)

Magnetohydrodynamics. Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)

Magnit. Gidrodinamika. Akademija Nauk Latvijskoj SSR. Magnitnaja Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)

Magyar Tud. Akad. Mat. Fiz. Oszt. Közl. A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei. (Budapest)

Magyar Tud. Akad. Mat. Kutató Int. Közl. A Magyar Tudományos Akadémia Matematikai Kutató Intézetének Közleményei. (Budapest) (Continued as: *Studia Sci. Math. Hungar.*)

Management Sci. Management Science. Journal of the Institute of Management Science. (Philadelphia, Pa.)

Manchester Lit. Philos. Soc. Mem. Proc. Manchester Literary and Philosophical Society. Memoirs and Proceedings. (Manchester)

Mari. Gos. Ped. Inst. Učen. Zap. Marijskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Ioshkar-Ola)

Mat.-Fys. Medd. Danske Vid. Selsk. Matematiskfysiske Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)

Mat.-Fys. Skr. Danske Vid. Selsk. Matematiskfysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)

Mat.-Fyz. Časopis Slovensk. Akad. Vied. Matematicko-Fyzikálny Časopis. Slovenská Akadémia Vied. (Bratislava)

Mat. Issled. Akademija Nauk Moldavskoj SSR. Institut Matematiki s Vyčislitel'nym Centrom. Matematičeskie Issledovaniya. (Kishinev)

Mat. Lapok. Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)

Mat. Sb. Matematičeskij Sbornik. Novaja Serija. (Moscow)

Mat. Vesn. Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Beograd. Matematički Vesnik. Nova Serija. (Belgrade)

Matematiches (Catania). Le Matematiche. (Catania)

Math. Ann. Mathematische Annalen. (Berlin-Göttingen-Heidelberg)

Math. Centrum Amsterdam Afd. Zuivere Wisk. Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)

Math. Centrum Amsterdam Rekenafdeling. Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)

Math. Comp. Mathematics of Computation. (Washington, D.C.)

Math. Gaz. The Mathematical Gazette. (London)

Math. J. Okayama Univ. Mathematical Journal of Okayama University. (Okayama)

Math. Japon. Mathematica Japonicae. (Kobe)

Math. Mag. Mathematics Magazine. (Buffalo, N.Y.)

Math. Nachr. Mathematische Nachrichten. (Berlin)

Math. Naturwiss. Unterricht. Der mathematische und naturwissenschaftliche Unterricht. (Bonn)

Math. Notae. Mathematicae Notae. Boletin del Instituto de Matemática. (Rosario)

Math.-Phys. Semesterber. Mathematisch-Physikalische Semesterberichte. (Göttingen)

Math. Reviews. Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)

Math. Scand. Mathematica Scandinavica. (Copenhagen)

Math. Student. The Mathematics Student. (Madras)

Math. Systems Theory. Mathematical Systems Theory. (New York)

Math.-Tech.-Wirtschaft. Mathematik-Technik-Wirtschaft. Zeitschrift für moderne Rechentechnik und Automation. (Vienna)

Math. und Wirtschaft. Mathematik und Wirtschaft. (Berlin)

Math. Z. Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)

Mathematics (Cluj). Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. Mathematica. (Cluj)

Mathematika. Mathematica. A Journal of Pure and Applied Mathematics. (London)

Mathematikunterricht. Der Mathematikunterricht. Beiträge zu seiner wissenschaftlichen und methodischen Gestaltung. (Stuttgart)

Mathesis. Mathesis. Recueil Mathématique à l'Usage des Écoles Spéciales et des Établissements d'Instruction Moyenne. (Mons)

Matrix Tensor Quart. The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)

Mech. Teoret. Stos. Polskie Towarzystwo Mechaniki Teoretycznej i Stosowanej. Mechanika Teoretyczna i Stosowana. (Warsaw)

Medd. Lunds Astronom. Obs. Ser. I. Meddelanden från Lunds Astronomiska Observatorium. Series I. (Lund)

Medd. Lunds Astronom. Obs. Ser. II. Meddelanden från Lunds Astronomiska Observatorium. Series II. (Lund)

Medd. Lunda Univ. Mat. Sem. Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)

Melekess. Gos. Ped. Inst. Učen. Zap. Melekesskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Melekess)

Mem. Amer. Math. Soc. Memoirs of the American Mathematical Society. (Providence, R.I.)

Mem. Defense Acad. Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)

Mem. Fac. Ci. Univ. Habana Ser. Mat. Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemática. (Havana)

Mem. Fac. Ed. Kumamoto Univ. Sect. I. Memoirs of the Faculty of Education, Kumamoto University. Section I. (Natural Science). (Kumamoto)

Mem. Fac. Engrg. Hiroshima Univ. Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)

Mem. Fac. Engrg. Miyazaki Univ. Memoirs of the Faculty of Engineering, Miyazaki University. (Miyazaki)

Mem. Fac. Sci. Kyushu Univ. Ser. A. Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)

Mem. Ist. Lombardo Accad. Sci. Lett. Cl. Sci. Mat. Natur. Memorie dell'Istituto Lombardo. Accademia di Scienze e Lettere. Classe di Scienze Matematiche e Naturali. (Milan)

ABBREVIATIONS OF NAMES OF JOURNALS

Mem. Kitami Coll. Tech. Memoirs of the Kitami College of Technology. (Kitami) (Continued as: *Mem. Kitami Inst. Tech.*)

Mem. Kitami Inst. Tech. Memoirs of the Kitami Institute of Technology. (Kitami) (Formerly: *Mem. Kitami Coll. Tech.*)

Mem. Mat. Inst. "Jorge Juan". Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)

Mem. Muroran Inst. Tech. Memoirs of the Muroran Institute of Technology. (Muroran)

Mem. Osaka Univ. Lib. Arts Ed. Ser. B. Memoirs of the Osaka University of the Liberal Arts and Education. Series B. Natural Science. (Osaka)

Mem. Real Acad. Ci. Art. Barcelona. Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)

Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid. Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)

Mem. Roy. Astronom. Soc. Memoirs of the Royal Astronomical Society. (London)

Mem. School Sci. Engrg. Waseda Univ. Tokyo. Memoirs of the School of Science and Engineering. Waseda University, Tokyo. (Tokyo)

Mem. Soc. Astronom. Ital. Memorie della Società Astronomico Italiana. (Milan)

Mém. Soc. Roy. Sci. Liège Coll. in-4°. Mémoires de la Société Royale des Sciences de Liège. Collection in-4°. (Liège)

Mém. Soc. Roy. Sci. Liège Coll. in-8°. Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)

Mémor. Sci. Math. Mémorial des Sciences Mathématiques. (Paris)

Mémor. Sci. Phys. Mémorial des Sciences Physiques. (Paris)

Météorol. La Météorologie. (Paris)

Metody Vyčisl. Leningradskii Ordona Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Metody Vyčisenii. (Leningrad)

Metrika. Metrika. (Würzburg)

Metroecon. Metroeconomica. Rivista Internazionale di Economia. (Bologna)

Metron. Metron. (Rome)

Michigan Math. J. The Michigan Mathematical Journal. (Ann Arbor, Mich.)

Min. Proc. Roy. Irish Acad. Minutes of Proceedings. Royal Irish Academy. (Dublin)

Mind. Mind. A Quarterly Review of Psychology and Philosophy. (London)

Mitt. Inst. Angew. Math. Zürich. Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich. (Zürich)

Mitt. Inst. Theoret. Phys. Geophys. Bergakad. Freiberg. Mitteilungen aus dem Institut für Theoretische Physik und Geophysik der Bergakademie Freiberg. (Freiberg)

Mitt. Math. Gesellschaft Hamburg. Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)

Mitt. Math. Sem. Giessen. Mitteilungen aus dem Mathematischen Seminar Giessen. (Giessen)

Mitt. Max-Planck-Inst. Strömungsforsch. Mitteilungen aus dem Max-Planck-Institut für Strömungsforschung. (Göttingen)

Mitt. Naturforsch. Ges. Bern. Mitteilungen der Naturforschenden Gesellschaft Bern. (Bern)

Mitt. Verein. Schweiz. Versich.-Math. Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)

Molecular Phys. Molecular Physics. (London)

Monatsh. Deutsch. Akad. Wiss. Berlin. Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)

Monatsh. Math. Monatshefte für Mathematik. (Vienna)

Monthly Notices Roy. Astronom. Soc. Monthly Notices of the Royal Astronomical Society. (London)

Moskov. Gos. Ped. Inst. Učen. Zap. Moskovskii Gosudarstvennyi Pedagogičeskii Institut im. V. I. Lenina. Učenye Zapiski. (Moscow)

Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Šternberg. Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Soobščenija Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)

Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Šternberg. Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)

Moskov. Gos. Univ. Voprosy Meh. Moskovskii Gosudarstvennyi Universitet. Voprosy Mehaniki. (Moscow)

Moskov. Oblast. Ped. Inst. Učen. Zap. Moskovskii Oblastnoi Pedagogičeskii Institut. Učenye Zapiski. (Moscow)

Moscow Univ. Bull. Ser. III Phys. Astronom. Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)

MR. Mathematical Reviews. (Providence, R.I.)

Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II. Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)

Nagoya Math. J. Nagoya Mathematical Journal. (Nagoya)

Nat. Bur. Standards Appl. Math. Ser. National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)

Nat. Lucht- en Ruimtevaartlab. Amsterdam Rep. Nationaal Lucht- en Ruimtevaartlaboratorium. National Aero- and Astronautical Research Institute Amsterdam. Report. (Amsterdam)

Natur. Sci. Rep. Ochanomizu Univ. Natural Science Report of the Ochanomizu University. (Tokyo)

Naturwissenschaften. Die Naturwissenschaften. (Berlin-Göttingen-Heidelberg)

Naval Res. Logist. Quart. Naval Research Logistics Quarterly. (Washington, D.C.)

Navigation. Navigation. Journal of the Institute of Navigation. (Los Angeles, Calif.)

Nederl. Akad. Wetensch. Indag. Math. Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulis. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)

Nederl. Akad. Wetensch. Proc. Ser. A. Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)

Nederl. Akad. Wetensch. Proc. Ser. B. Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)

Nederl. Akad. Wetensch. Verslag Afd. Natuurk. Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)

Nederl. Tijdschr. Natuurk. Nederlands Tijdschrift voor Natuurkunde. (Utrecht)

New Zealand J. Sci. New Zealand Journal of Science. (Wellington)

Nieuw Arch. Wisk. Nieuw Archief voor Wiskunde. (Groningen)

Nieuw Tijdschr. Wisk. Nieuw Tijdschrift voor Wiskunde. (Groningen-Djakarta)

Nigerian J. Sci. University of Ibadan. Nigerian Journal of Science. (Ibadan)

Nordisk Mat. Tidskr. Nordisk Matematisk Tidskrift. (Oslo)

Nordisk Tidskr. Informations-Behandling. Nordisk Tidskrift for Informations-Behandling. (Copenhagen)

ABBREVIATIONS OF NAMES OF JOURNALS

Norske Vid. Selsk. Forh. (Trondheim). Det Kongelige Norske Videnskabers Selskabs Forhandlinger. (Trondheim)

Norske Vid. Selsk. Skr. (Trondheim). Det Kongelige Norske Videnskabers Selskabs Skrifter. (Trondheim)

Notas Mat. Notas de Matemática. (Rio de Janeiro)

Notices Amer. Math. Soc. Notices of the American Mathematical Society. (Providence, R.I.)

Notre Dame J. Formal Logic. Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)

Nova Acta Soc. Sci. Upsal. Nova Acta Regiae Societatis Scientiarum Upsaliensis. (Uppsala)

Nuclear Fusion. Nuclear Fusion. (Vienna)

Nuclear Phys. Nuclear Physics. (Amsterdam)

Numer. Math. Numerische Mathematik. (Berlin-Göttingen-Heidelberg)

Nuovo Cimento. Il Nuovo Cimento. (Bologna) (Continued as *Nuovo Cimento A* and *Nuovo Cimento B*)

Nuovo Cimento A. Il Nuovo Cimento A. (Bologna) (Formerly: *Nuovo Cimento*)

Nuovo Cimento B. Il Nuovo Cimento B. (Bologna) (Formerly: *Nuovo Cimento*)

Nuovo Cimento Suppl. Supplemento al Nuovo Cimento. (Bologna)

O.N.E.R.A. Publ. Office National d'Études et de Recherches Aéronautiques. Publication. (Paris)

Observatory. The Observatory. A Review of Astronomy. (Hailsham)

Obzornik Mat. Fiz. Društvo Matematikov, Fizikov in Astronomov SRS. Obzornik za Matematiko in Fiziko. (Lubljana)

Odess. Gos. Univ. Naučn. Ezegodnik. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija USSR. Odesskiy Gosudarstvennyi Universitet. Naučnyi Ezegodnik. (Odessa)

Operations Res. Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as *OR* in *Math. Reviews*)

Optica Acta. Optica Acta. (London)

Optik. Optik. Zeitschrift für das gesamte Gebiet der Licht- und Elektronenoptik. (Stuttgart)

Optimal. Planirovanie. Optimal'noe Planirovanie. Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)

Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat. Ministerstvo Prosvěščenija RSFSR. Orehovo-Zuevskij Pedagogičeskij Institut. Učenye Zapiski Kafedry Matematiki. (Moscow)

Osaka J. Math. Osaka Journal of Mathematics. (Osaka)

Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II. Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)

P.A. Science Abstracts. Physics Abstracts. (London)

Pacific J. Math. Pacific Journal of Mathematics. (Berkeley, Calif.)

Papers and Proc. Roy. Soc. Tasmania. Papers and Proceedings of the Royal Society of Tasmania. (Hobart)

Penz. Politehn. Inst. Učen. Zap. Mat. Meh. Penzenskij Politehničeskij Institut. Matematika i Mechanika. Učenye Zapiski. (Penza)

Period. Mat. Periodico di Matematiche. (Bologna)

Perm. Gos. Univ. Učen. Zap. Mat. Perm'skij Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenye Zapiski. (Perm) (Formerly: *Perm. Gos. Univ. Učen. Zap. Mat.*)

Perm. Gos. Univ. Učen. Zap. Mat. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija RSFSR. Perm'skij Gosudarstvennyi Universitet im. A. M. Gor'kogo. Učenye Zapiski. Matematika. (Perm) (Continued as: *Perm. Gos. Univ. Učen. Zap.*)

Perm. Politehn. Inst. Sb. Naučn. Trud. Perm'skij Politehničeskij Institut. Sbornik Naučnyh Trudov. (Perm)

Philos. Mag. The Philosophical Magazine. A Journal of Theoretical, Experimental and Applied Science. (London)

Philos. Rev. The Philosophical Review. (Ithaca, N.Y.)

Philos. Sci. Philosophy of Science. (Baltimore, Md.)

Philos. Trans. Roy. Soc. London Ser. A. Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)

Phys. Fluids. The Physics of Fluids. (New York)

Phys. Lett. Physics Letters. (Amsterdam)

Phys. Norveg. Physica Norvegica. (Oslo)

Phys. Rev. The Physical Review. (New York)

Phys. Rev. Lett. Physical Review Letters. (New York)

Physica. Physica. (Amsterdam)

Physica. Physica. Physique. Fizika. (Long Island, N.Y.)

Physics Abstracts. Science Abstracts. Physics Abstracts. (London) (Usually abbreviated *PA* in the text of *Math. Reviews*) (Formerly: *Sci. Abstracts Sect. A*)

PMTF Ž. Prikl. Meh. i Tehn. Fiz. PMTF. Žurnal Prikladnoj Mechaniki i Tehničeskoi Fiziki. (Moscow) See *Ž. Prikl. Meh. i Tehn. Fiz.*

Pokroky Mat. Fyz. Astronom. Jednota Československých Matematiků a Fyziku. Pokroky Matematiky, Fyziky a Astronomie. (Prague)

Polska Biblio. Analit. Mech. Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analityczna. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)

Portugal. Math. Portugalae Mathematica. (Lisbon)

Portugal. Phys. Portugalae Physica. (Lisbon)

Postępy Astronom. Polskie Towarzystwo Astronomiczne. Postępy Astronomii. (Warsaw)

Postępy Fiz. Polskie Towarzystwo Fizyczne. Postępy Fizyki. (Warsaw)

Prace Mat. Roczniki Polskiego Towarzystwa Matematycznego. Seria I. Prace Matematyczne. (Warsaw)

Prakt. Akad. Athénōn. Πρακτικά της Ἀκαδημίας Ἀθηνών. (Athens)

Priblif. Metod. Rešen. Differencial'. Uravnen. Pribljennye Metody Rešenija Differencial'nyh Uravnenij. (Kiev)

Prikladn. Meh. Akademija Nauk SSSR. Otdelenie Tehničeskikh Nauk. Institut Mechaniki. Prikladnaja Matematika i Mechanika. (Moscow) (Translated as: *J. Appl. Math. Mech.*)

Prikladn. Meh. Akademija Nauk Ukrainskoj SSR. Otdelenie Matematiki, Mechaniki i Kibernetiki. Prikladnaja Mechanika. (Kiev)

Primenen. Mat. Èkonom. Leningradskij Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra i Laboratoriya Èkonomico-Matematičeskikh Metodov. Primenenie Matematiki v Èkonomike. (Leningrad)

Probleme der Kybernetik. Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)

Problemy Kibernet. Problemy Kibernetiki. (Moscow)

Problemy Peredači Informacii. Akademija Nauk SSSR. Institut Problem Peredači Informacii Akademii Nauk SSSR. Problemy Peredači Informacii. (Moscow)

Proc. Amer. Math. Soc. Proceedings of the American Mathematical Society. (Providence, R.I.)

Proc. Cambridge Philos. Soc. Proceedings of the Cambridge Philosophical Society. (Cambridge, England)

Proc. Edinburgh Math. Soc. Proceedings of the Edinburgh Mathematical Society. (Edinburgh)

ABBREVIATIONS OF NAMES OF JOURNALS

Proc. Edinburgh Math. Soc. Edinburgh Math. Notes. Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh)

Proc. Egyptian Acad. Sci. Proceedings of the Egyptian Academy of Sciences. (Cairo)

Proc. Fac. Engrg. Keio Univ. Proceedings of the Fujihara Memorial Faculty of Engineering. Keio University. (Tokyo)

Proc. Glasgow Math. Assoc. Proceedings of the Glasgow Mathematical Association. (Glasgow) (Continued as: *Glasgow Math. J.*)

Proc. IEEE. Proceedings of the IEEE. (New York)

Proc. Indian Acad. Sci. Sect. A. Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)

Proc. Indiana Acad. Sci. Proceedings of the Indiana Academy of Science. (Indianapolis, Ind.)

Proc. Inst. Elec. Engrs. Proceedings of the Institution of Electrical Engineers. Electronics. Power. Science & General. (London)

Proc. Inst. Mech. Engrs. Part I. Proceedings of the Institution of Mechanical Engineers. Part I. (London)

Proc. Inst. Statist. Math. The Proceedings of the Institute of Statistical Mathematics. (Tokyo)

Proc. Japan Acad. Proceedings of the Japan Academy. (Tokyo)

Proc. London Math. Soc. Proceedings of the London Mathematical Society. (London)

Proc. Math. Phys. Soc. U.A.R. (Egypt). Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)

Proc. Nat. Acad. Sci. India Sect. A. Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)

Proc. Nat. Acad. Sci. U.S.A. Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)

Proc. Nat. Inst. Sci. India Part A. Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)

Proc. Pakistan Statist. Assoc. Proceedings of the Pakistan Statistical Association. (Lahore)

Proc. Phys. Soc. Proceedings of the Physical Society. (London)

Proc. Rajasthan Acad. Sci. The Proceedings of the Rajasthan Academy of Sciences. (Pilani)

Proc. Roy. Irish Acad. Sect. A. Proceedings of the Royal Irish Academy. Section A. (Dublin)

Proc. Roy. Soc. Edinburgh Sect. A. Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)

Proc. Roy. Soc. New Zealand. Proceedings of the Royal Society of New Zealand. (Wellington)

Proc. Roy. Soc. Ser. A. Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London)

Proc. Roy. Soc. Victoria. Proceedings of the Royal Society of Victoria. New Series. (Melbourne)

Proc. Steklov Inst. Math. Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)

Proc. Vibration Problems. Polish Academy of Sciences. Institute of Basic Technical Problema. Proceedings of Vibration Problems. (Warsaw)

Progr. Math. See *Shuzus Jinzhan.*

Progr. Theoret. Phys. Progress of Theoretical Physics. (Kyoto)

Przegląd Statyst. Sekcja Statystyki Polskiego Towarzystwa Ekonomiczniego. Przegląd Statystyczny. (Warsaw)

Pskov. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap. Ministerstvo Prosvetlenija RSFSR. Pskovskij Pedagožeskiij Institut. Fiziko-Matematičeskiij Fakul'tet. Učenye Zapiski. (Pskov)

Psychometrika. Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)

Publ. Astronom. Soc. Pacific. Publications of the Astronomical Society of the Pacific. (San Francisco, Calif.)

Publ. Dép. Math. (Lyon). Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)

Publ. Dept. Math. (Ljubljana). University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)

Publ. Inst. Math. (Beograd). Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)

Publ. Inst. Statist. Univ. Paris. Publications de l'Institut de Statistique de l'Université de Paris. (Paris)

Publ. Math. Debrecen. Publicationes Mathematicae. (Debrecen)

Publ. Res. Inst. Math. Sci. Ser. A. Publications of the Research Institute for Mathematical Sciences. Series A. (Kyoto)

Publ. Sci. Tech. Ministère de l'Air (Paris). Publications Scientifiques et Techniques du Ministère de l'Air. (Paris)

Publ. Sci. Tech. Ministère de l'Air (Paris) Notes Tech. Publications Scientifiques et Techniques du Ministère de l'Air. Notes Techniques. (Paris)

Publ. Sémin. Géom. Univ. Neuchâtel. Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)

Quart. Appl. Math. Quarterly of Applied Mathematics. (Providence, R.I.)

Quart. J. Math. Oxford Ser. The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)

Quart. J. Mech. Appl. Math. The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)

Quart. J. Roy. Astronom. Soc. The Quarterly Journal of the Royal Astronomical Society. (London)

Quart. Rev. Sci. Publ. Polish Academy of Sciences. Distribution Centre for Scientific Publications. Quarterly Review of Scientific Publications. (Warsaw)

RAAG Newsletter. RAAG Newsletter. (Tokyo)

RAAG Res. Notes. RAAG Research Notes. (Tokyo)

Rad Jugoslav. Akad. Znan. Umjet. Rad Jugoslavenke Akademije Znanosti i Umjetnosti. (Zagreb) (Formerly: *Rad Jugoslav. Akad. Znan. Umjet. Odjel Mat. Fiz. Tehn. Nauke*)

Rad Jugoslav. Akad. Znan. Umjet. Odjel Mat. Fiz. Tehn. Nauke. Rad Jugoslavenke Akademije Znanosti i Umjetnosti. Odjel za Matematičke, Fizičke i Tehničke Nauke. (Zagreb) See *Rad Jugoslav. Akad. Znan. Umjet.*

Radio Engrg. and Electronics. Radio Engineering and Electronics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*) (Continued as: *Radio Engrg. Electron. Phys.*)

Radio Engr. Electron. Phys. Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*) (Formerly: *Radio Engrg. and Electronics*)

Radio Sci. Radio Science. (Washington, D.C.)

Radiotekhn. (Har'kov). Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)

Radiotekhn. i Elektron. Akademija Nauk SSSR. Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engrg. Electron. Phys.*)

Ratio. Ratio. (Oxford)

RCA Rev. RCA Review. (New York)

Recherche Aérospat. La Recherche Aérospatiale. (Paris)

Rend. Accad. Sci. Fis. Mat. Napoli. Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)

ABBREVIATIONS OF NAMES OF JOURNALS

Rend. Circ. Mat. Palermo. Rendiconti del Circolo Matematico di Palermo. (Palermo)

Rend. Mat. e Appl. Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni. (Rome)

Rend. Sem. Fac. Sci. Univ. Cagliari. Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)

Rend. Sem. Mat. Fis. Milano. Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)

Rend. Sem. Mat. Univ. Padova. Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)

Rep. Inst. Sci. Tech. Univ. Tokyo. The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)

Rep. Lib. Arts Sci. Fac. Shizuoka Univ. Sect. Natur. Sci. Reports of Liberal Arts and Science Faculty, Shizuoka University. Section Natural Science. (Shizuoka)

Rep. Res. Inst. Appl. Mech. Kyushu Univ. Reports of Research Institute for Applied Mechanics. Kyushu University. (Fukuoka)

Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)

Rep. Venezuela Bol. Acad. Ci. Fis. Mat. Natur. República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)

Res. Bull. Panjab Univ. Research Bulletin of the Panjab University. (Hoshiarpur)

Res. Bull. Regional Engng. College Warangal. Research Bulletin. Regional Engineering College. Warangal. (Andhra Pradesh)

Res. Rep. Nagaoka Tech. College. Research Reports of the Nagaoka Technical College. (Nagaoka)

Rev. Acad. Ci. Madrid. Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)

Rev. Acad. Ci. Zaragoza. Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)

Rev. Acad. Colombiana Ci. Exact. Fis. Natur. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (Bogotá)

Rev. Ci. (Lima). Revista de Ciencias. (Lima)

Rev. Fac. Ci. Univ. Coimbra. Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)

Rev. Française Traitement Information Chiffres. Revue Française de Traitement de l'Information. Chiffres. (Paris)

Rev. Gén. Sci. Pures Appl. Revue Générale des Sciences Pures et Appliquées et Bulletin de l'Association Française pour l'Avancement des Sciences. (Paris)

Rev. Histoire Sci. Appl. Revue d'Histoire des Sciences et de leurs Applications. (Paris)

Rev. Inst. Internat. Statist. Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)

Rev. Mat. Elem. Revista de Matemáticas Elementales. (Bogotá)

Rev. Mat. Hisp.-Amer. Revista Matemática Hispano-Americana. (Madrid)

Rev. Mexicana Fis. Revista Mexicana de Física. (Mexico, D.F.)

Rev. Modern Phys. Reviews of Modern Physics. (New York)

Rev. Optique. Revue d'Optique Théorique et Instrumentale. (Paris)

Rev. Roumaine Math. Pures Appl. Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)

Rev. Roumaine Phys. Revue Roumaine de Physique. (Bucharest)

Rev. Roumaine Sci. Tech. Sér. Méc. Appl. Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)

Rev. Un. Mat. Argentina. Revista de la Unión Matemática Argentina. (Buenos Aires)

Rice Univ. Studies. Rice University Studies. (Houston, Tex.)

Ricerca (Napoli). La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)

Ricerche Mat. Ricerche di Matematica. (Naples)

Rīgas Politehn. Inst. Zinātn. Raksti. Rīgas Politehniskais Institūta. Rīzakil Politehnīčeskij Institut. Učenye Zapiski. Rīgas Politehniskais Institūts Zinātnieks Raksti. (Riga)

Riv. Mat. Univ. Parma. Rivista di Matematica della Università di Parma. (Parma)

Rjazansk. Gos. Ped. Inst. Učen. Zap. Rjazanskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Ryazan)

Rostov-na-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap. Rostovskij-na-Donu Gosudarstvennyj Pedagogičeskij Institut. Fiziko-Matematičeskij Fakultet. Učenye Zapiski. (Rostov-on-Don)

Rozpravy Československé Akad. Věd. Rozpravy Československé Akademie Věd. (Prague)

Rozprawy Inst. Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Rozprawy Inżynierskie. (Warsaw)

Rozprawy Mat. Polska Akademia Nauk. Instytut Matematyczny. Rozprawy Matematyczne. (Warsaw) (Continued as: Dissertationes Math. Rozprawy Mat.)

Russian Math. Surveys. Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)

RŽAvtomat. Telemeh. i Vyčisl. Tehn. Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Avtomatika, Telemehanika i Vyčislitel'naja Tehnika. (Moscow)

RŽFiz. Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Fizika. (Moscow)

RŽKibernet. Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Kibernetika. (Moscow)

RŽMat. Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Matematika. (Moscow)

RŽMeh. Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Mechanika. (Moscow)

Saab Tech. Notes. Saab Technical Notes. Svenska Aeroplan Aktiebolaget. (Linköping)

Sakharth. SSR Mecn. Akad. Gamothul. Centr. Šrom. Sakharthvelos SSR Mecnierebathia Akademii Gamothvlihi Centris Šromebi. (Tbilisi) (Formerly listed as: *Trudy Vyšš. Centra Akad. Nauk Gruzin. SSR*)

Sakharth. SSR Mecn. Akad. Math. Inst. Šrom. Sakharthvelos SSR Mecnierebathia Akademii A. Razmadzis Sablobis Tbilisi Matematikis Institutis. Šromebi. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze*)

Sakharth. SSR Mecn. Akad. Moambe. Sakharthvelos SSR Mecnierebathia Akademii Moambe. (Tbilisi) (Formerly listed as: *Soobšt. Akad. Nauk Gruzin. SSR*)

Sankhyā Ser. A. Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)

Sankhyā Ser. B. Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)

S.-B. Berlin. Math. Ges. Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)

S.-B. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech. Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)

S.-B. Finn Akad. Wiss. Sitzungsberichte der Finnischen Akademie der Wissenschaften. Proceedings of the Finnish Academy of Science and Letters. (Helsinki)

S.-B. Heidelberger Akad. Wiss. Math.-Natur. Kl. Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)

ABBREVIATIONS OF NAMES OF JOURNALS

S.-B. Phys.-Med. Soz. Erlangen. Sitzungsberichte der physikalisch-medizinischen Sozietät zu Erlangen. (Erlangen)

S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl. Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)

Sb. Prací Ped. Inst. Ostravě. Sborník Prací Pedagogického Institutu v Ostravě. (Prague)

Sb. Vysoké Učení Tech. Brno. Sborník Vysokého Učení Technického v Brně. (Brno)

Schr. Math. Inst. Univ. Münster. Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)

Schweiz. Z. Vermessg. Kultutech. Photogr. Schweizerische Zeitschrift für Vermessung, Kultutechnik und Photogrammetrie. Revue Technique Suisse des Mensurations, du Génie Rural et de Photogrammétrie. (Winterthur)

Sci. Abstracts China Sect. Math. Phys. Sci. Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)

Sci. Abstracts Sect. A. Science Abstracta. Section A. Physics Abstracta. (London) (Usually abbreviated *SA* in the text of *Math. Reviews*) (Continued as: *Physics Abstracts*)

Sci. Abstracts Sect. B. Science Abstracta. Section B. Electrical Engineering Abstracts. (London) (Continued as: *Electrical & Electronics Abstracts*)

Sci. Amer. Scientific American. (New York)

Sci. Information Notes. Scientific Information Notes. (Washington, D.C.)

Sci. Papers Coll. Gen. Ed. Univ. Tokyo. Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)

Sci. Papers Inst. Phys. Chem. Res. Scientific Papers of the Institute of Physical and Chemical Research. (Tokyo)

Sci. Proc. Roy. Dublin Soc. Ser. A. The Scientific Proceedings of the Royal Dublin Society. Series A. (Dublin)

Sci. Proc. Roy. Dublin Soc. Ser. B. The Scientific Proceedings of the Royal Dublin Society. Series B. (Dublin)

Sci. Rep. Fac. Lib. Arts Ed. Gifu Univ. Natur. Sci. Science Report of the Faculty of Liberal Arts and Education, Gifu University. (Natural Science). (Gifu)

Sci. Rep. Fac. Lit. Sci. Hirosaki Univ. Science Reports of the Faculty of Literature and Science. Hirosaki University. (Hirosaki) (Continued as: *Sci. Rep. Hirosaki Univ.*)

Sci. Rep. Hirosaki Univ. Science Reports of the Hirosaki University. (Hirosaki) (Formerly: *Sci. Rep. Fac. Lit. Sci. Hirosaki Univ.*)

Sci. Rep. Kagoshima Univ. Science Reports of the Kagoshima University. (Kagoshima)

Sci. Rep. Kanazawa Univ. The Science Reports of the Kanazawa University. (Kanazawa)

Sci. Rep. Niigata Univ. Ser. A. Science Reports of Niigata University. Series A (Mathematics). (Niigata)

Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ. Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)

Sci. Rep. Res. Inst. Tōhoku Univ. Ser. A. The Science Reports of the Research Institutes. Tōhoku University. Series A (Physics, Chemistry and Metallurgy). (Sendai)

Sci. Rep. Saitama Univ. Ser. A. The Science Reports of the Saitama University. Series A. Mathematica, Physics and Chemistry. (Urawa)

Sci. Rep. Tōhoku Univ. Ser. I. The Science Reports of the Tōhoku University. First Series. (Physics, Chemistry, Astronomy). (Sendai)

Sci. Rep. Tokyo Kyoiku Daigaku Sect. A. Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)

Sci. Rep. Yokohama Nat. Univ. Sect. I. Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)

Sci. Sinica. Scientia Sinica. (Peking)

Scientia (Valparaiso). Universidad Técnica Federico Santa María. Scientia. (Valparaiso)

Scripta Math. Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)

Shengxue Xuebao. See *Acta Acust. Sinica*.

Shuxue Jinzhian. Chinese Mathematical Society. Academia Sinica. Shuxue Jinzhian (Progress in Mathematics). (Peking)

SIAM J. Appl. Math. SIAM Journal on Applied Mathematics. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math.*)

SIAM J. Control. SIAM Journal on Control. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math. Ser. A Control*)

SIAM J. Numer. Anal. SIAM Journal on Numerical Analysis. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math. Ser. B Numer. Anal.*)

SIAM Rev. SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)

Sibirsk. Mat. Ž. Akademija Nauk SSSR. Sibirskoe Otdelenie. Sibirskij Matematicheskij Zurnal. (Moscow)

Simon Stevin. Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)

Skand. Aktuarietidskr. Skandinavisk Aktuarietidskrift. (Uppsala)

Skr. Norske Vid.-Akad. Oslo I. Skrifter Utgitt av det Norske Videnskaps-Akademien i Oslo. I. Mat.-Naturv. Klasse. (Oslo)

Smithsonian Contrib. to Astrophys. Smithsonian Contributions to Astrophysics. (Washington, D.C.)

Soc. Actuar. Trans. Society of Actuaries. Transactions. (Chicago, Ill.)

Soc. Parana. Mat. Anuário. Anuário da Sociedade Paranaense de Matemática. (Curitiba)

Soc. Sci. Fenn. Comment. Phys.-Math. Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)

Soobšč. Akad. Nauk Gruzin. SSR. Soobščenija Akademii Nauk Gruzinokoj SSR. (Tbilisi) See *Sakharov. SSR Mez. Akad. Moambe*.

Soviet Astronom. AJ. Soviet Astronomy. AJ. (A translation of *Astronomičeskij Zurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Ž.*)

Soviet J. Nuclear Phys. American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)

Soviet Math. Dokl. Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)

Soviet Physics Acoust. Soviet Physics. Acoustics. (A translation of *Akustičeskij Zurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)

Soviet Physics Cryst. Soviet Physics. Crystallography. (A translation of the journal *Kristallografiya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografiya*)

Soviet Physics Dokl. Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of *Dokl. Akad. Nauk SSSR*)

Soviet Physics JETP. Soviet Physics. JETP. (A translation of *Z. Èksperimental'noj i Teorjetičeskoi Fiziki* of the USSR). (New York) (Translation of *Z. Èksper. Teoretičesk. Fiz.*)

Soviet Physics Solid State. Soviet Physics. Solid State. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)

Soviet Physics Tech. Phys. Soviet Physics. Technical Physics. (A translation of *Zurnal Tekhnicheskoi Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Z. Tehn. Fiz.*)

ABBREVIATIONS OF NAMES OF JOURNALS

Soviet Physics Uspekhi. Soviet Physics. *Uspekhi.* (A translation of *Uspehi Fizicheskikh Nauk* (*Advances in the Physical Sciences*) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)

Soviet Radio Engrg. Soviet Radio Engineering. (A translation of *Izvestiya VUZ Radiotekhnika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)

Soviet Radiophys. Soviet Radiophysics. (A translation of the *Izvestija Vyših Učebnyh Zavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)

Spisy Přírod. Fak. Univ. Brno. Spisy Přírodnědecké Fakulty University v Brně. *Trudy Estestvenno-Istorického Fakulteta Universiteta v g. Brno.* Publications de la Faculté des Sciences de l'Université à Brno. (Brno)

Stanford Res. Inst. J. Stanford Research Institute Journal. (Menlo Park, Calif.)

Statist. Theory Method Abstracts. Statistical Theory and Method Abstracts. (London)

Statistica (Bologna). Statistica. (Bologna)

Statistica Nederlandica. Statistica Nederlandica. Orgaan van de Vereniging voor Statistiek. (The Hague)

Stroje na Zpracování Informaci. Československá Akademie Věd. Výzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Issledovatel'skiy Institut Matematicheskikh Mašin. *Stroje na Zpracování Informaci.* (Prague)

Stud. Cerc. Fiz. Studii și Cercetări de Fizică. (Bucharest)

Stud. Cerc. Mat. Studii și Cercetări Matematice. (Bucharest)

Stud. Cerc. Mec. Apl. Studii și Cercetări de Mecanică Aplicată. (Bucharest) (Formerly: *Acad. R. P. Române Stud. Cerc. Mec. Apl.*)

Studio Logico. Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)

Studio Math. Polska Akademia Nauk. Studia Mathematica. (Warsaw)

Studio Rev. Univ. del Atlántico. Universidad del Atlántico. Studia Revista de la Universidad del Atlántico. (Barranquilla)

Studio Sci. Math. Hungar. Consilium Instituti Mathematici Academiae Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungarica. (Budapest) (Formerly: *Magyar Tud. Akad. Mat. Kutató Int. Közl.*)

Studio Univ. Babeş-Bolyai Ser. Math.-Phys. Studia Universitatis Babeş-Bolyai. Series Mathematica-Physica. (Cluj)

Sudhoff Arch. Sudhoff's Archiv für Geschichte der Medizin und der Naturwissenschaften. (Wiesbaden)

Sūgaku. Mathematical Society of Japan. Sūgaku (Mathematics). (Tokyo)

Summa Brasil. Math. Summa Brasiliensis Mathematicae. (Rio de Janeiro)

Tartu Riikl. Ül. Toimetised. Tartu Riikliku Ülikooli Toimetised. Učenye Zapiski Tartuskoj Gosudarstvennoj Universitet. Matematika-Loodusteaduskonna Töid. Trudy Estestvenno-Matematičeskogo Fakulteta. (Tallinn)

Tužkent. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvetlenija Uzbekskoj SSR. Taškentskij Gosudarstvennyj Pedagogičeskij Institut im. Nizami. Učenye Zapiski. (Tashkent)

Taškent. Gos. Univ. Naučn. Trudy. Taškentskij Gosudarstvennyj Universitet. Naučnye Trudy. (Tashkent)

Taškent. Politehn. Inst. Naučn. Trudy. Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija. Taškentskij Politehnicheskij Institut. Naučnye Trudy. Novaja Serija. (Tashkent)

Taškent. Tekstil. Inst. Kaf. Vysš. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat. Taškentskij Tekstil'nyj Institut. Kafedra Vysšej Matematiki. Sbornik Naučno-Issledovatel'skih Rabot. Serija Matematiki. (Tashkent)

Tbiliss. Gos. Univ. Trudy Ser. Fiz. Nauk. Tbilisskij Gosudarstvennyj Universitet. Trudy. Serija Fizicheskikh Nauk. (Tbilisi) See *Tbilis. Sahel'mq. Univ. Šrom. Phiz. Mecn. Ser.*

Tbiliss. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk. Tbilisskij Gosudarstvennyj Universitet. Trudy. Serija Mechaniko-Matematičeskikh Nauk. (Tbilisi) See *Tbilis. Sahel'mq. Univ. Šrom. Mekh.-Math. Mecn. Ser.*

Tech. Mitt. Krupp. Technische Mitteilungen Krupp. (Essen)

Tech. Moderne. La Technique Moderne. (Paris)

Tech. Rep. Osaka Univ. Technology Reports of the Osaka University. (Osaka)

Tech. Rep. Engrg. Res. Inst. Kyoto Univ. Technical Reports of the Engineering Research Institute. Kyoto University. (Kyoto)

Tech. Transl. Technical Translations. (Washington, D.C.)

Technometrics. Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)

Tellus. Svenska Geofysiska Föreningen. Tellus. A Quarterly Journal of Geophysics. (Uppsala)

Tensor. Tensor. New Series. The Tensor Society. (Sapporo)

Teor. Funkcij Funkcional. Anal. i Prilozhen. Har'kovskij Ordona Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet imeni A. M. Gor'kogo. Teoriya Funkcij, Funkcional'nyj Analiz i ih Prilozhenija. (Kharkov)

Teor. Verojatnost. i Primenen. Akademija Nauk SSSR. Teoriya Verojatnostej i ee Primenenija. (Moscow) (Translated as: *Theor. Probability Appl.*)

Teore. Elektrotehn. L'vovskij Gosudarstvennyj Universitet. Teoretičeskaja Elektrotehnika. (L'vov)

Teoret. Prikl. Mat. MVSSO URSR L'vivskij Ordona Lenina Deržavnij Universitet im. Iv. Franka. Teoretična i Prikladna Matematika. (L'vov)

Thalès. Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)

Tbilis. Sahel'mq. Univ. Šrom. Mekh.-Math. Mecn. Ser. Tbilis. Sahel'mq. Univ. Šrom. Mekh.-Math. Mecn. Ser. Tbilis. Sahel'mq. Univ. Šrom. Mekh.-Math. Mecn. Ser. (Tbilisi) (Formerly listed as: *Tbiliss. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk*)

Tbiliss. Sahel'mq. Univ. Šrom. Phiz. Mecn. Ser. Tbilis. Sahel'mq. Univ. Šrom. Phiz. Mecn. Ser. (Tbilisi) (Formerly listed as: *Tbiliss. Gos. Univ. Trudy Ser. Fiz. Nauk*)

Theor. Probability Appl. Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Verojatnostej i ee Primenenija*). (Philadelphia, Pa.) (Translation of *Teor. Verojatnost. i Primenen.*)

Theoria (Lund). Theoria. A Swedish Journal of Philosophy and Psychology. (Lund)

Tjumen. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvetlenija RSFSR. Tjumenskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Tyumen)

Tōhoku Math. J. The Tōhoku Mathematical Journal. (Sendai)

Tomsk. Gos. Univ. Učen. Zap. Tomskij Gosudarstvennyj Universitet im. V. V. Kuibysheva. Učenye Zapiski. (Tomsk)

Topology. Topology. An International Journal of Mathematics. (Oxford)

Trabajos Estadist. Trabajos de Estadística. (Madrid)

Trans. Amer. Math. Soc. Transactions of the American Mathematical Society. (Providence, R.I.)

Trans. Amer. Philos. Soc. Transactions of the American Philosophical Society Held at Philadelphia for Promoting Useful Knowledge. (Philadelphia, Pa.)

Trans. ASME Ser. B. J. Engrg. Indust. Transactions of the ASME. Series B. Journal of Engineering for Industry. (New York)

ABBREVIATIONS OF NAMES OF JOURNALS

Trans. ASME Ser. E. J. Appl. Mech. Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)

Trans. Faraday Soc. Transactions of the Faraday Society. (London)

Trans. Moscow Math. Soc. Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)

Trans. New York Acad. Sci. Transactions of the New York Academy of Sciences. (New York)

Trans. Roy. Soc. Edinburgh. Transactions of the Royal Society of Edinburgh. (Edinburgh)

Trans. Roy. Soc. New Zealand General. Transactions of the Royal Society of New Zealand. General. (Wellington)

Trans. Roy. Soc. South Africa. Transactions of the Royal Society of South Africa. (Cape Town)

Trav. Soc. Sci. Lett. Wrocław Ser. B. Travaux de la Société des Sciences et des Lettres de Wrocław. Seria B. (Wrocław)

Trudy Akad. Nauk Litov. SSR Ser. B. Lietuvos TSR Mokslo Akademijos. Darbai. Serija B. Akademijos Nauk Litovskoj SSR Trudy. Serija B. (Vilna)

Trudy Fiz. Inst. Lebedev. Akademija Nauk SSSR. Trudy Fizičeskogo Instituta im. P. N. Lebedeva. (Moscow)

Trudy Geometr. Sem. Akademija Nauk SSSR. Institut Naučnoj Informacii. VINITI. Trudy Geometričeskogo Seminara. (Moscow)

Trudy Inst. Istor. Estestv. Tehn. Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznanija i Tekhniki. (Moscow)

Trudy Inst. Teoret. Astronom. Akademija Nauk SSSR. Trudy Instituta Teoričeskoi Astronomii. (Moscow)

Trudy Kazan. Aviacion. Inst. Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mechanika. (Kazan)

Trudy Leningrad. Tehn. Inst. Trudy Kafedr Meh. Fak. Ministerstvo Vyšego Obrazovanija SSSR. Trudy Leningradskogo Tekhnologičeskogo Instituta imeni Lensoveta. Trudy Kafedr Mehaničeskogo Fakulteta. (Leningrad)

Trudy Mat. Inst. Steklov. Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Trudy Matematičeskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: Proc. Steklov Inst. Math.)

Trudy Moskov. Mat. Obšč. Trudy Moskovskogo Matematičeskogo Obščestva. (Moscow) (Translated as: Trans. Moscow Math. Soc.)

Trudy Moskov. Orden. Lenin. Ènerget. Inst. Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija RSFSR. Trudy Moskovskogo Ordona Lenina Ènergetičeskogo Instituta. (Moscow)

Trudy Samarkand. Gos. Univ. Mat. Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija UzSSR. Trudy Samarkandskogo Gosudarstvennogo Universiteta im. A. Navoi. Matematika. (Samarkand)

Trudy Sem. Obratn. Kraev. Zadačam. Trudy Seminara po Obratnym Kraevym Zadačam. (Kazan)

Trudy Sem. Teor. Diferencial. Uravnenii s Otklon. Argumentom Univ. Družby Narodov Patrisa Lumumby. Trudy Seminara po Teorii Diferencial'nyh Uravnenii s Otklonajúcimaja Argumentom. Universitet Družby Narodov imeni Patrisa Lumumby. (Moscow)

Trudy Sem. Vektor. Tensor. Anal. Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Prilozhenijami k Geometrii, Mechanike i Fizike. (Moscow)

Trudy Taškent. Gos. Univ. Trudy Taškentskogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Tashkent) See *Taškent. Gos. Univ. Naučn. Trudy.*

Trudy Tomsk. Gos. Univ. Ser. Meh.-Mat. Trudy Tomskogo Gosudarstvennogo Universiteta im. V. V. Kulibycheva. Serija Mehaniko-Matematičeskaja. (Tomsk)

Trudy Vyčisl. Centra Akad. Nauk Gruzii. SSR. Akademija Nauk Gruzijskoi SSR. Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharov. SSR Mech. Akad. Gamotvel. Centr. Šrom.*

Turkmen. Gos. Univ. Učen. Zap. Ministerstvo Narodnogo Obrazovaniya TSSR. Turkmeneskij Gosudarstvennyj Universitet imeni A. M. Gor'kogo. Učenye Zapiski. (Ashkhabad)

U.S.S.R. Comput. Math. and Math. Phys. U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Z. Vyčisl. Mat. i Mat. Fiz.*)

Učen. Zap. Borisoglebsk. Gos. Ped. Inst. Ministerstvo Prosvetlenija RSFSR. Učenye Zapiski. Borisoglebskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Borisoglebsk)

Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk. Ministerstvo Prosvetlenija RSFSR. Karel'skij Pedagogičeskij Institut. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Petrozavodsk)

Ukrain. Fiz. Ž. Akademija Nauk Ukrains'koj RSR. Viddil Fiziki. Ukrains'kij Fizičniž Zurnal. (Russian and Ukrainian editions) (Kiev)

Ukrain. Mat. Ž. Akademija Nauk Ukrains'koj SSR. Institut Matematiki. Ukrainskij Matematičeskij Zurnal. (Kiev)

Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz. Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Serija Matematika i Fizika. (Belgrade)

Univ. Buenos Aires Contrib. Ci. Ser. Fis. Universidad de Buenos Aires. Facultad de Ciencias Exactas, Fisicas y Naturales. Contribuciones Científicas. Serie Física. (Buenos Aires)

Univ. Buenos Aires Contrib. Ci. Ser. Mat. Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Contribuciones Científicas. Serie Matemática. (Buenos Aires)

Univ. Central Venezuela Bol. Fac. Ing. Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)

Univ. e Politec. Torino Rend. Sem. Mat. Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Turin)

Univ. Illinois Bull. Engng. Exper. Station Bull. University of Illinois. Bulletin. Engineering Experiment Station Bulletin. (Urbana, Ill.)

Univ. Lisboa Revista Fac. Ci. A. Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)

Univ. Madrid Publ. Sec. Mat. Fac. Ci. Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)

Univ. Nac. Ingen. Inst. Mat. Puras Apl. Notas Mat. Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)

Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Segunda Rev. (or Contrib.) Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)

Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Tercera Publ. Esp. Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)

Univ. Nac. Tucumán Rev. Ser. A. Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)

Univ. Repub. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist. Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)

Univ. Roorkee Res. J. University of Roorkee. Research Journal. (Roorkee)

Univ. Adam Mickiewicza w Poznani. Prace Wydz. Mat. Fiz. Chem. Ser. Mat. Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fiziki i Chemicz. Seria Matematyka. (Poznań)

Unternehmensforschung. Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg)

ABBREVIATIONS OF NAMES OF JOURNALS

<p><i>Ural. Gos. Univ. Mat. Zap.</i> Ministerstvo Vysšego i Srednego Specjal'nogo Obrazovaniya RSFSR. Ural'skiy Gosudarstvennyiy Universitet im. A. M. Gor'kogo. Ural'skoe Matematicheskoe Obščestvo. Matematicheskie Zapiski. (Sverdlovsk)</p> <p><i>Ural. Politehn. Inst. Sb.</i> Ministerstvo Prosvetlenija RSFSR. Ural'skiy Politehnicheskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)</p> <p><i>Uspehi Fiz. Nauk.</i> Akademija Nauk SSSR. Uspehi Fizicheskikh Nauk. (Moscow-Leningrad) (Translated as: <i>Soviet Physics Uspekhi</i>)</p> <p><i>Uspehi Mat. Nauk.</i> Akademija Nauk SSSR i Moskovskoye Matematicheskoye Obščestvo. Uspehi Matematicheskikh Nauk. (Moscow-Leningrad) (Selected articles translated as: <i>Russian Math. Surveys</i>)</p> <p><i>Užgorod. Gos. Univ. Naučn. Zap.</i> MVO USSR. Užhorodskiy Gosudarstvennyiy Universitet. Naučnye Zapiski. (Lvov)</p> <p><i>V. I. Lenin. Sakharth. Politekh. Inst. Šrom.</i> V. I. Leniniš Šablobi Šromis Citheli Drosi Ordenosani Sakharthvelos Politeknikuri Instituti. Šromebi. (Tbilisi) (Formerly listed as: <i>Gruzin. Politehn. Inst. Trudy</i>)</p> <p><i>Verh. Nederl. Akad. Wetensch. Afsl. Natuurk. Sect. I.</i> Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, Afsl. Natuurkunde. Eerste Sectie. (Amsterdam)</p> <p><i>Vesci Akad. Navuk BSSR Ser. Fiz.-Mat. Navuk.</i> Vesci Akademii Navuk BSSR. Seryja Fizika-matematyčnyh Navuk. (Minsk)</p> <p><i>Vesci Akad. Navuk BSSR Ser. Fiz.-Téhn. Navuk.</i> Vesci Akademii Navuk BSSR. Seryja Fizika-Tehničnyh Navuk. (Minsk)</p> <p><i>Vestnik Akad. Nauk Kazah. SSR.</i> Vestnik Akademii Nauk Kazahskoi SSR. (Alma-Ata)</p> <p><i>Vestnik Har'kov. Gos. Univ.</i> Ministerstvo Vysšego i Srednego Specjal'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Serija Mehaniko-Matematicheskaja. Zapiski Mehaniko-Matematicheskogo Fakulteta i Har'kovskogo Matematicheskogo Obščestva. (Kharkov)</p> <p><i>Vestnik Leningrad. Univ.</i> Vestnik Leningradskogo Universiteta. (Leningrad)</p> <p><i>Vestnik L'vov.</i> Politehn. Inst. Ministerstvo Vysšego i Srednego Specjal'nogo Obrazovaniya USSR. Vestnik L'vovskogo Politehnicheskogo Instituta. (Lvov)</p> <p><i>Vestnik Moskov. Univ. Ser. I Mat. Meh.</i> Vestnik Moskovskogo Universiteta. Serija I. Matematika, Mehanika. (Moscow)</p> <p><i>Vestnik Moskov. Univ. Ser. III Fiz. Astronom.</i> Vestnik Moskovskogo Universiteta. Serija III. Fizika, Astronomija. (Moscow) (Translated as: <i>Moscow Univ. Bull. Ser. III Phys. Astronom.</i>)</p> <p><i>Vidya.</i> Vidya (Knowledge). The Journal of the Gujarat University. (Ahmedabad)</p> <p><i>Vierteljahrscr. Naturforsch. Ges. Zürich.</i> Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)</p> <p><i>Vijnana Parishad Anusandhan Patrika.</i> Vijnana Parishad Anusandhan Patrika [The Research Journal of the Hindi Science Academy]. (Allahabad)</p> <p><i>Virginia J. Sci.</i> The Virginia Journal of Science. A Journal issued Quarterly by the Virginia Academy of Science. (Blacksburg, Va.)</p> <p><i>Vismik Kit. Univ.</i> Vismik Kitovskogo Universitetu. (Kiev)</p> <p><i>Vismik L'viv. Derž. Univ. Ser. Meh.-Mat.</i> Ministerstvo Viščoi i Serednol Specjal'noli Osviti URSSR. Vismik L'viv'skogo Ordena Lenina Deržavnogo Universitetu im. Ivana Franka. (Lvov)</p> <p><i>Volz. Mat. Sb.</i> Ministerstvo Prosvetlenija RSFSR. Kuibyshevskiy Gosudarstvennyiy Pedagogiceskii Institut imeni V. V. Kuibysjeva. Volzskii Matematicheskii Sbornik. (Kuybyshev)</p> <p><i>Voprosy Kosmog.</i> Akademija Nauk SSSR. Voprosy Kosmogonii. (Moscow)</p> <p><i>Voprosy Vyčisl. Mat. Tehn.</i> Akademija Nauk Uzbekskoi SSR. Institut Mehaniki i Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Taškent)</p> <p><i>Vyčisl. Mat. (Kiev).</i> Kievskiy Gosudarstvennyiy Universitet. Kafedra Vyčislitel'noi Matematiki. Vyčislitel'naya Matematika. (Kiev)</p>	<p><i>Vyčisl. Sistemy.</i> Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov. (Novosibirsk)</p> <p><i>Vyčisl. Tehn. Voprosy Programm.</i> Leningradskiy Ordensa Lenina Gosudarstvennyiy Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naya Tekhnika i Voprosy Programmirovaniya. (Leningrad)</p> <p><i>Wiadom. Mat.</i> Roczniki Polskiego Towarzystwa Matematycznego. Ser. II. Wiadomości Matematyczne. (Warsaw)</p> <p><i>Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe.</i> Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe. (Greifswald)</p> <p><i>Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen.</i> Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen. (Jena/Thüringen)</p> <p><i>Wiss. Z. Hochsch. Architektur Bauwesen Weimar.</i> Wissenschaftliche Zeitschrift der Hochschule für Architektur und Bauwesen Weimar. (Weimar)</p> <p><i>Wiss. Z. Hochsch. Maschin. Karl-Marx-Stadt.</i> Wissenschaftliche Zeitschrift der Hochschule für Maschinenbau Karl-Marx-Stadt. (Karl-Marx-Stadt)</p> <p><i>Wiss. Z. Hochsch. Verkehrswesen "Friedrich List" Dresden.</i> Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen. (Dresden)</p> <p><i>Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe.</i> Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe. (Berlin)</p> <p><i>Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe.</i> Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe. (Leipzig)</p> <p><i>Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe.</i> Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe. (Halle-Wittenberg)</p> <p><i>Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe.</i> Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe. (Potsdam)</p> <p><i>Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg.</i> Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg. (Leuna-Merseburg)</p> <p><i>Wiss. Z. Techn. Hochsch. Ilmenau.</i> Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. (Ilmenau)</p> <p><i>Wiss. Z. Techn. Univ. Dresden.</i> Wissenschaftliche Zeitschrift der Technischen Universität Dresden. (Dresden)</p> <p><i>Yokohama Math. J.</i> Yokohama Mathematical Journal. (Yokohama)</p> <p><i>Z. Angew. Math. Mech.</i> Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Berlin)</p> <p><i>Z. Angew. Math. Phys.</i> Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physiques Appliquées. (Basel)</p> <p><i>Z. Angew. Phys.</i> Zeitschrift für Angewandte Physik. (Berlin)</p> <p><i>Z. Astrophys.</i> Zeitschrift für Astrophysik. (Berlin-Göttingen-Heidelberg)</p> <p><i>Z. Ēksper. Teoret. Fiz.</i> Akademija Nauk SSSR. Žurnal Ēksperimentalnoi i Teoretičeskoi Fiziki. (Moscow) (Translated as: <i>Soviet Physics JETP</i>)</p> <p><i>Z. Flugwiss.</i> Zeitschrift für Flugwissenschaften. (Braunschweig)</p> <p><i>Z. Math. Logik Grundlagen Math.</i> Zeitschrift für Mathematische Logik und Grundlagen der Mathematik. (Berlin)</p> <p><i>Z. Meteorol.</i> Zeitschrift für Meteorologie. (Berlin)</p>
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ABBREVIATIONS OF NAMES OF JOURNALS

Z. Naturforsch. Zeitschrift für Naturforschung. (Tübingen)	Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin-Göttingen-Heidelberg)
Z. Phonetik Sprachwiss. Kommunikat. Zeitschrift für Phonetik Sprachwissenschaft und Kommunikationsforschung. (Berlin)	Zbl. Math. Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin-Göttingen-Heidelberg) (Usually abbreviated <i>Zbl</i> in the text of <i>Math. Reviews</i>)
Z. Physik. Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)	Zeszyty Nauk. Politech. Warszawsk. Mat. Politechnika Warszawska. Institut Matematyki. Zeszyty Naukowe. Matematyka i jej Zastosowanie. (Warsaw)
Z. Prikl. Meh. i Tehn. Fiz. Żurnal Prikladnoj Mechaniki i Tekhnicheskoi Fiziki. (Moscow) (Formerly: PMFT Z. Prikl. Meh. i Tehn. Fiz.)	Zeszyty Nauk. Univ. Jagiello. Prace Fiz. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Fizyczne. (Cracow)
Z. Tehn. Fiz. Akademija Nauk SSSR. Żurnal Tehničeskoi Fiziki. (Moscow-Leningrad) (Translated as: Soviet Physics Tech. Phys.)	Zeszyty Nauk. Univ. Jagiello. Prace Mat. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka, Fizyka, Chemia) (Kraków)
Z. Výčisl. Mat. i Mat. Fiz. Akademija Nauk SSSR. Żurnal Výčislitel'noj Matematiki i Matematičeskoi Fiziki. (Moscow) (Translated as: U.S.S.R. Comput. Math. and Math. Phys.)	Zeszyty Nauk. Univ. Łódz. Nauki Mat. Przyrod. Ser. II. Zeszyty Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno Przyrodnicze. Seria II. (Łódź)
Zap. Meh.-Mat. Fak. i Har'kov. Mat. Obšč. See Vestnik Har'kov. Gos. Univ.	ZETF Pis'ma. Akademija Nauk SSSR. ZETF. Pis'ma v Redakciju. (Moscow) (Translated as JETP Lett.)
Zasos. Mat. Polska Akademia Nauk. Instytut Matematyczny. Zastosowania Matematyki. (Warsaw)	Zhongguo Kexue Jishu Daxue Xuebao. (Peking) See J. China Univ. Sci. Techn.

JOURNALS IN TRANSLATION

JOURNALS IN TRANSLATION

Acta Mech. Sinica (New York). *Acta Mechanica Sinica*. (New York) (Translation of *Acta Mech. Sinica* (Peking))

Astrophysics. *Astrophysics*. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)

Automat. Remote Control. *Automation and Remote Control*. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemeh.*)

Chinese J. Phys. (Peking) *Chinese Journal of Physics* (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)

Chinese Math.—Acta. *Chinese Mathematics*. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)

Cosmic Research. *Cosmic Research*. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmich. Issled.*)

Cybernetics. *Cybernetics*. (New York) (A translation of *Kibernetika* (Kiev))

Differential Equations. *Differential Equations*. (New York) (Translation of *Diferencial'nye Uravneniya*)

Electrical Engrg. Japan. *Institute of Electrical and Electronics Engineers*. *Electrical Engineering in Japan*. (A translation of *Denki Gakkai Zasshi* of the Institute of Electrical Engineers of Japan). (New York) (Translation of *Denki Gakkai Zasshi*)

Electron. Commun. Japan. *Institute of Electrical and Electronics Engineers*. *Electronics and Communications in Japan*. (A translation of *Denki Tsushin Gakkai Zasshi* of the Institute of Electrical Communication Engineers of Japan). (New York) (Translation of *Denki Tsushin Gakkai Zasshi*)

Engrg. Cybernetics. *Engineering Cybernetics*. English Edition of *Tekhnicheskaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)

Izv. Acad. Sci. USSR Atmospher. Ocean. Phys. *Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)

Izv. Acad. Sci. USSR Phys. Solid Earth. *Izvestiya Academy of Sciences USSR. Physics of the Solid Earth*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)

J. Appl. Math. Mech. *Journal of Applied Mathematics and Mechanics*. (Translation of the Soviet journal *Prikladnaja Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Meh.*)

JETP Lett. *JETP Letters*. (A translation of *JETP [ŽETF] Pis'ma v Redaktsii* [Redakciju] of the Academy of Sciences of the USSR). (New York) (Translation of *ŽETF Pis'ma*)

Magnetohydrodynamics. *Magnetohydrodynamics*. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)

Moscow Univ. Bull. Ser. III Phys. Astronom. *Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy*. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)

Probleme der Kybernetik. *Problems der Kybernetik*. (Berlin) (Translation of *Problemy Kibernet.*)

Proc. Steklov Inst. Math. *Proceedings of the Steklov Institute of Mathematics*. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)

Radio Engrg. Electron. Phys. *Radio Engineering and Electronic Physics*. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)

Russian Math. Surveys. *Russian Mathematical Surveys*. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)

Soviet Astronom. AJ. *Soviet Astronomy. AJ*. (A translation of *Astronomicheskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Z.*)

Soviet J. Nuclear Phys. *American Institute of Physics. Soviet Journal of Nuclear Physics*. (New York) (Translation of *Jadernaja Fiz.*)

Soviet Math. Dokl. *Soviet Mathematics. Doklady*. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)

Soviet Physics Acoust. *Soviet Physics. Acoustics*. (A translation of *Akusticheskii Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)

Soviet Physics Cryst. *Soviet Physics. Crystallography*. (A translation of the journal *Kristallografiya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografiya*)

Soviet Physics Dokl. *Soviet Physics. Doklady*. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)

Soviet Physics JETP. *Soviet Physics. JETP*. (A translation of *Ž. Èksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Ž. Èksper. Teoret. Fiz.*)

Soviet Physics Solid State. *Soviet Physics. Solid State*. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)

Soviet Physics Tech. Phys. *Soviet Physics. Technical Physics*. (A translation of *Žurnal Tekhnicheskoi Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Ž. Tehn. Fiz.*)

Soviet Physics Uspekhi. *Soviet Physics. Uspekhi*. (A translation of *Uspehi Fizicheskikh Nauk* (Advances in the Physical Sciences) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)

Soviet Radio Engrg. *Soviet Radio Engineering*. (A translation of *Izvestiya VUZ Radiotekhnika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vyš. Učebn. Zaved. Radiofiz.*)

Soviet Radiophys. *Soviet Radiophysics*. (A translation of the *Izvestija Vyš. Učebn. Zavedenij. Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vyš. Učebn. Zaved. Radiofizika*)

Theor. Probability Appl. *Theory of Probability and its Applications*. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primenenija*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)

Trans. Moscow Math. Soc. *Transactions of the Moscow Mathematical Society*. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obshch.*)

U.S.S.R. Comput. Math. and Math. Phys. *U.S.S.R. Computational Mathematics and Mathematical Physics*. (Oxford) (Translation of *Ž. Vychisl. Mat. i Mat. Fiz.*)

ERRATA AND ADDENDA

VOLUME 27

Index for Volume 27

On p. 1327, replace Levine, J. by Levine, Jerome P.
Also, delete 6644 and place it after a new entry, for
Jack Levine.

VOLUME 28

Index for Volume 28

#3324 : Gel'fand, I. M.; Graev, M. I.; Vilenkin, N. Ja.
In the title, replace "distributions" by "representations".

#3967 : Bernstein, Leon
This review should be deleted and replaced by MR 29
#5786.

On p. 1157, in Gel'fand, I. M. 3324, the last word should
be "representations". Similarly, for Graev, M. I., on
p. 1160, and Vilenkin, N. Ja., on p. 1215. On p. 1139,
delete the entry for Leon Bernstein.

VOLUME 29

Index for Volume 29

#4093 : Ikeda, Nobuyuki; Ueno, Tadashi; Tanaka, Hiroshi;
Satô, Kenkichi
After the last name, insert [Sato, Keniti].

On p. 1388, move the entry after Satô, Kenkichi to
Sato, Keniti and replace it by "see Sato, Keniti".

VOLUME 30

Index for Volume 30

On p. 1132, replace Levine, J. by Levine, Jerome P.

VOLUME 31

#6104 : Torošelidze, A. I.

Delete initial A. from author's name.

Index for Volume 31

#3810 : Torošelidze, I. A.
Delete initial A. from author's name.

#3843 : Waelbroeck, L.
In heading, insert "fasc. 1," before the paging.

#6104 : Torošelidze, A. I.
Delete initial A. from author's name.

On p. 1259, replace Levine, J. by Levine, Jerome P.
Also, delete #1633 and place it after a new entry, for
Jack Levine. On p. 1212, the entries for Arnold, Vladimir
should be combined with those under Arnol'd, V. I. On
p. 1298, change Torošelidze, A. I. to Torošelidze, I.

VOLUME 32

#320 : Wainger, Stephen

In der ersten Spalte, 11. Zeile von unten, muß es statt
"wenn die Rücktransformierte" richtig "wann die
Rücktransformierte" heißen.

In der zweiten Spalte oben muß es statt "auf den
mehrdimensionalen Fall wird bewiesen:" richtig
"wird gezeigt, daß die Bedingungen, unter denen
 $|n|^{-b} \exp(2\pi i |n|^a)$ mit $0 < a < 1$, $b < \frac{1}{2}a$ ein bzw. kein
sogenannter Multiplikator in L^p ist, sich auch auf den
mehrdimensionalen Fall übertragen lassen. Ferner wird
bewiesen:" heißen.

#681 : Thurber, James K.

The last sentence of the review should be replaced by
the following. "Here the solution of order b^2 is obtained
within the framework of the approximation that the
leading edge of the wing is nearly straight."

#1556 : Wilhelm, Kecs

The author's name should be Kecs, Wilhelm.

#1645 : Vraneanu, G.

The reviewer wishes to retract the final remark.

#1646 : Eftimie, Grecu

The author's name should be Grecu, Eftimie.

#1933 : Wilhelm, Kecs

The author's name should be Kecs, Wilhelm.

#2934 : Suciu, I.

The first sentence should read: "This is mainly an
expository paper presenting results of J. Wermer,
H. Helson and F. Quigley, I. M. Singer, H. S. Bear and
the author, concerning generalizations . . ." The reader
should consult the article under review for fuller refer-
ences. The editors apologize for their inaccurate and
incomplete referencing of this review.

#3010 : Vodnev, V.

In the first line, read $A_n(x^1, \dots, x^n)$ for $A(x, \dots, x)$.

VOLUME 32 cont.

#3442: Poincelot, Paul

The reviews of this paper and of a paper of Armand Wirgin (MR 32 #3450) should be interchanged.

#3450: Wirgin, Armand

The reviews of this paper and of a paper of Paul Poincelot (MR 32 #3442) should be interchanged.

#4060: Dlab, Vlastimil

The second reference (to an article of E. Suhubi) is incorrect. The reference intended was to an article of the author [Comment. Math. Univ. Carolinae 5 (1964), 241–246; MR 30 #3045].

#4274: Pawel, Todorow

After author's name insert [Todorov, Pavel].

#5045: Kamber, Franz

The result that there exists no classical extension of the von Neumann quantum theory was also obtained by E. P. Specker [Dialectica 14 (1960), 239–246; MR 22 #6715].

#5316: Penrose, R. and Rindler, W.

The authors of Part II are J. Ehlers, W. Rindler and R. Penrose.

#5723: Stallings, John R.

The theorem of Grushko referred to required that the groups be finitely generated; the general case was first proved by D. H. Wagner [Trans. Amer. Math. Soc. 84 (1957), 352–378; MR 18, 790].

#5860: Livingston, A. E.

Insert [Livingston, Albert E.] after the author's name.

#5861: Livingston, A. E.

Insert [Livingston, Albert E.] after the author's name.

#5910: Rosati, Francesco

The reviewer's remark in braces should be deleted.

#7924: Tovmasjan, N. E.

Insert "II." after title.

#8060: Ceitlin, A. I.

Replace F_0 by the Bessel function J_0 .

#8294: Busemann, Herbert

In line 10, delete "(or $axay \geq xy$)". In line 19, read "finitely compact" for "infinitely compact".

#8713: Mathews, P. M.; Sankaranarayanan, A.

Delete the reference.

Index for Volume 32

On p. 1624, combine the entries for S. I. Goldberg and Samuel Goldberg. On p. 1653, change Levine J. to Levine, Jerome P. On p. 1655, #5860 and #5861 should be removed from the entry for Arthur E. Livingston and included in a new entry, for Albert E. Livingston. On p. 1676, replace the entry after Pawel, Todorow by "See Todorov, P. G." On p. 1709, after Todorov, P. G. insert "4274: Über den Radius des Schlichtheitskreises einer Klasse meromorpher Funktionen." On p. 1613, delete the entry for Eftimie, Grecu. On p. 1625 insert "Grecu, Eftimie. 1646: On Riemannian spaces of genus two with constant connection." On p. 1718, delete the entries for Wilhelm, Kecs. On p. 1642, add the following entries to Kecs, Wilhelm: 1556: Representation of vector fields with the help of generalized functions; 1933: On some applications of the theory of distributions to theoretical and applied mechanics. On p. 1613, add an entry for Ehlers, J., who is a co-author of Part II of #5316: Energy conservation as the basis of relativistic mechanics. I. II. On p. 1685, under Rindler, W., insert J. Ehlers as a co-author of Part II of #5316. Similarly, for Penrose, Roger, on p. 1676.

VOLUME 33

#38: Siocon, F. M.

After author's name insert [Sioson, F. M.].

#58: Dulmage, A. L.; Mendelsohn, N. S.

The review is of another article. A correct review will appear in a future issue.

#142: Ancochea, G.

In the second line, for "ideal of nilpotent elements" read "set of nilpotent elements".

#397: Hua Lo-keng; Wu Tse-chien; Lin Wei

In heading, replace [Wu Tse-chien] by [Wu Tzu-ch'ien].

#452: Vuč, Liviu

The author's name should be Liviu Vuč.

#464: Slepčuk, K. M.

After author's name insert [Slipenčuk, K. M.].

#472: Sobolev, S. L.

In line 5 from the bottom, replace "the constant k " by " $k \cdot \text{const}$ ".

#605: Veldkamp, G. R.

In the title read "Soddy".

VOLUME 33 cont.

#736: Kumpel, P. G., Jr.

In the last line, read $\pi_i(K)$ for $\pi_i(Q)$.

#968: Cytovich, V. N.; Švarcburg, A. B.

First author's name should be V. N. Cytovič.

#1510: Askey, Richard; Wainger, Stephen

In the first display read $2zx$ for $2zn$.

#1522: Zatulovskaya, Claire

After author's name insert [Zatulovskaja, K. D.]

#1580: Bojarski, B. V.

Following the author's name insert [Bojarski, B.]

#1838: Neubrunn, T.; Šalát, T.

In heading, insert "fasc. 3," before paging.

#2434: Ch'ing Yuan-hsün; Liu Yung-ching; Wang Lien

In bracket following the first name, delete "g", following the second name, replace "ching" by "ch'ing"; replace "Uang" by "Wang" in the third name.

#2804: Viten'ko, I. V.; Kostovskij, A. N.

In the title, the second name is Gräffe.

#2809: Koval'čuk, R. M.

Read Kellogg in the title and in the penultimate line.

#2928: Strang, Gilbert

Author's name should be W. Gilbert Strang.

#3008: Fainšmidt, V. L.

In last inequality, read $\bar{P}_{m-1}(\xi_1)$ for $P_{m-1}(\xi_1)$.

#4562: Potapov, M. D.

Author's second initial should be K.

#4566: Žuk, V. V.

In the expression for $E_n(f)_C$, read $\ln^{1+\epsilon}$ in place of \ln .

#4714: Aziz, A. K.

Delete the third and fourth paragraphs.

#5728: Davtjan, G. A.

In the title read p -groups for P -groups.

#5861: Tamrazov, P. M.

In the last line, before the comma insert "and the outer boundary component of $f(B)$ corresponds to $|z| = 1$ ".

#7127: Duffin, R. J.; Karlovitz, L. A.

In line 4, read "Farkas" for "Karkas".

TRANSLITERATION OF CYRILLIC

Russian Letter Cap. Ital.	Mathematical Reviews; Zentralblatt für Mathematik	Bulletin Signalétique	Applied Mechanics Reviews	Science Abstracts	U.S. Library of Congress	Amer. Slavic & E. European Review	Journal of Symbolic Logic
А а	a	a	a	a	a	a	a
Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е е	e	e	e	e	e	e	e
Ё ё	ë	ë	ë	ë	ë	ë	ë
Ж ж	ж	zh	zh	zh	zh	zh	ž
З з	з	z	z	z	z	z	z
И и	и	i	i	i	i	i	i
Й й	й	j	i	i	i	i	i
К к	к	k	k	k	k	k	k
Л л	л	l	l	l	l	l	l
М м	м	m	m	m	m	m	m
Н н	н	n	n	n	n	n	n
О о	о	o	o	o	o	o	o
П п	п	p	p	p	p	p	p
Р р	р	r	r	r	r	r	r
С с	с	s	s	s	s	s	s
Т т	т	t	t	t	t	t	t
У у	у	u	u	u	u	u	u
Ф ф	ф	f	f	f	f	f	f
Х х	х	kh	kh	kh	kh	kh	х
Ц ц	ц	c	ch	ts	ts	č	č
Ч ч	ч	ch	sh	ch	ch	š	š
Ш ш	ш	sh	shch	sh	sh	šč	šč
Щ щ	щ	shch		shch	shch	ščh	ščh
Ъ ъ	ъ			"	"	"	"
Ы ы	ы	y		i	ý	y	y
Ь ь	ь	y		,	,	,	,
Э э	э	è		é	é	è	è
Ю ю	ю	ju		yu	yu	ju	ju
Я я	я	ja		ya	ya	ja	ja

Other Mathematical Reviews conventions are as follows:

The Ukrainian I, i are transliterated І, І, respectively.

The Ukrainian І, І are reproduced without change.

The Serbian **Ђ**, **ђ** are transliterated **D**, **d**, respectively.

The Serbian Ђ, ђ are transliterated Č, č; the Serbian Ђ, т are transliterated DŽ, dž.



